AES/EPA -002



PO Box 1890 Guayama, PR 00785 tel 787 866 8117 fax 787 866 8139 www.aespuertorico.com

Chief, Multimedia Permits and Compliance Branch Caribbean Environmental Protection Division U.S. Environmental Protection Agency, Region 2 City View Plaza II, Suite 7000 48 RD. 165 Km. 1.2 Guaynabo, Puerto Rico 00968-8069

RE:

Administrative Order on Consent Docket Number CWA-02-2015-3102 –

Compliance with AOC Section VII, ¶68

Dear Jose:

On March 18, 2015 AES Puerto Rico LP ("AES-PR") and the United States Environmental Protection Agency ("EPA") entered into the above referenced Administrative Order on Consent ("AOC"), under which AES-PR is obligated to comply with certain requirements (AOC Section VII, Ordered Provisions). All capitalized terms in this letter shall have the meaning as defined in the AOC.

Under AOC Section VII ¶68, Upon the Effective Date of this Order and for a period of one year, AES-PR shall conduct benchmark monitoring and analyze samples according to Part 6.1.3 (measurable storm event), Part 6.1.4 (sample type), Part 6.1.5 (adverse weather condition), Part 6.1.7 (monitoring periods), Part 6.2.1.1 (applicability of benchmark monitoring), Part 6.2.1.2 (benchmark monitoring schedule), Part 8.O.7 (sector-specific benchmark for steam electric power generating facilities) and Part 8.Q.6 (sector-specific for water transportation) of the MSGP. Also, AES-PR shall:

- a) monitor at least once at the permanent sampling points 001, 002, and 003 (SP-001, SP-002, and SP-003, respectively) in each of the following 3-month intervals: January 1 March 31; April 1 June 30; July 1 September 30; and October 1 December 31;
- b) analyze the samples for total aluminum, total iron, total lead and total zinc;
- c) document monitoring activities and laboratory reports for each sampling point; and
- d) prepare MDMR forms within thirty (30) days of receiving the laboratory results. Respondent shall use the MDMR available at the EPA's web site at http://water.epa.gov/polwaste/npdes/stormwater/.

In compliance with the new AOC requirement, AES-PR hereby submits copies of the required MDMR forms as attachments to this letter, as well as evidence showing the forms were filed online using EPA's eNOI system. We submit these forms and proof of previous filing with EPA's eNOI system for your acceptance and closure of the requirement set forth in Section VII, ¶68 of the AOC.

Please note that AES-PR is submitting these forms two days after signing the AOC, well in advance of the required deadline. We respectfully ask EPA to advise AES-PR promptly, should the agency have any concerns with this submission. Should AES-PR not receive any timely comments from EPA, we will reasonably consider that EPA has agreed that AES-PR has satisfied this requirement of AOC Section VII, ¶68 in full. Should EPA require additional time to review and provide comments back to AES-PR, that review time is of course entirely beyond the control of AES-PR and should be added to the required time frame for AES-PR to comply with this requirement.

Regards,

Manuel Mata

President AES Puerto Rico

Attachments

Administrative Order on Consent AES Puerto Rico Coal Fired Power Plant Docket Number CWA-02-2015-3102 NPDES Tracking Number PRU020663

Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Manuel Mata

President AES Puerto Rico

3/20/15 Date Administrative Order on Consent
AES Puerto Rico Coal Fired Power Plant
Docket Number CWA-02-2015-3102
NPDES Tracking Number PRU020663

Attachment 1

Administrative Order on Consent Docket Number CWA-02-2015-3102

Compliance with AOC Section VII, ¶68

Required Reporting for Q1 2015 under Section B-12 of our MSGP

Industrial Discharge Monitoring Report (MDMR)



United States Environmental Protection Agency Washington, DC 20460 PINDUSTRIAL DISCHARGE MONITORING REPORT (MD

Form Approved. OMB No. 2040-0004

MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)	ON/B 140. 2040-0004
Reason(s) for Submission (Check all that apply):	
Submitting monitoring data (Fill in all Sections). Reporting no discharge for all outfalls for this monitoring period (Fill in Sections A, B, C.1, D, and F). Reporting that your site status has changed to inactive and unstaffed (Fill in Sections A, B, F and include date of status change in comment field in Section Reporting that your site status has changed to active (Fill in all Sections and include date of status change in comment field in Section E.4). Reporting that no further pollutant reductions are achievable for all outfalls and for all pollutants via Part 6.2.1.2 of the MSGP (Fill in Sections A, B and F	
A Permit Tracking Number: PRR 0 5 B L 6 5 Note: Read instructions before	e completing this Form.
B. Facility Information	
1. Facility Name: AES PUERTO RICO	
2. Facility Location:	
a. Street: PR - 03 KM 142.0 BO. JOBOS	
b. City: GUAYAMA	785-
3. Additional Facility Information (Optional):	
Contact Name: MANUEL MATA Email: manue I.mat a@aes.	
Phone: 7 8 7 - 8 6 6 - 8 1 1 7 Ext. 2 2 3 3	
4. MDMR Preparer (Complete if MDMR was prepared by someone other than the person signing the certification in Section F)	
Prepared by: HECTOR M AVILA	
Organization: AES PUERTO RICO	
Email: hector.avilla@aes.com	
Phone: 787 - 866 - 8117 Ext. 2266	
C. Discharge Information	
1. Identify monitoring period: Check here if proposing alternative monitoring periods due to irregular stormwater runoff. Identify alternative monitoring period you are reporting monitoring data:	rnative monitoring
☐ Quarter 1 (April 1 – June 30) ☐ Quarter 1: From [0 1 / [0 1] To [0 3 / 3 1]	
☐ Quarter 2 (July 1 – September 30) ☐ Quarter 2: From 0 4 / 0 1 To 0 6 / 3 0	
☐ Quarter 3 (October 1 – December 31) ☐ Quarter 3: From 0 7 / 0 1 To 0 9 / 3 0	100
☐ Quarter 4 (January 1 – March 31) ☐ Quarter 4: From 1 0 / 0 1 To 1 2 / 3 1	
2. Are you required to monitor for cadmium, copper, chromium, lead, nickel, silver, or zinc? Yes (Complete line item 2.a.) No (Skip to Section D)	
2a. What is the hardness level of the receiving water? 6800 mg/L	
D. Outfall Information	
1. How many outfall(s) are identified in your SWPPP? 03 List name of outfall(s) required to be monitored in table below.	
2. Do any of your outfalls discharge substantially identical effluents? 🔲 YES 💹 NO	
2.a. If yes, for each monitored outfall, indicate outfall names that are substantially identical in table below.	
3.A. Monitored Outfall Name* 3.B. Substantially Identical Outfalls [List name(s) of outfall(s) substantially identical to outfall in 3.A. (if applicable)]	3.C. No Discharge?
*Reference attachment if additional space needed to complete the table.	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460 MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)

Form Approved. OMB No. 2040-0004

E. Monitoring Information	tion					Note: N	Note: Make additional copies of this form as necessary.	form as necessary.
1. Permit Tracking Number:	The PRR05BL65	6 5						
2. Nature of Discharge:	2. Nature of Discharge: 💋 Rainfall (Complete line items 2.a., 2.b., & 2.c.)	items 2.a., 2.b., & 2.c.) Snowmelt	_					
2.a. Duration of the rainfall event (hours):	nfall event (hours): 0 1	2.b. Rainfall amount (inches): 000.	00	2.c. Time sind	e previous measurabl	2.c. Time since previous measurable storm event (days):	6 0 0	
3.a. Outfall Name	3.b. Monitoring Type (QBM, ELG, S/T, I, O)*	3.c. Parameter	3.d. Quality or Concentration	3.e. Units 3	3.f. Results Description	3.g. Collection Date	3.h. Exceedance due to natural background pollutant levels	3.i. No further pollutant reductions achievable?
002	QMB	Aluminum	0.0.947	mg/L		2/19/15		
002	QMB	fron	0.272	mg/L		2/19/15		
002	CMB	Lead	0.004	mg/L		2/19/15		
002	QMB	Zinc	0.006	mg/L		2/19/15		0
001	QMB	Aluminum	0.568	mg/L		2/19/15		
001	QMB	Iron	0.344	1/6m		2/19/15		
001	QMB	Lead	0.002	1/6m		2/19/15	0	
001	QMB	Zinc	0.124	mg/L		2/19/15		
003	QMB	Aluminum	0.912	mg/L		2/19/15		
003	QMB	lron	0.396	mg/L		2/19/15		
003	QMB	Lead	0.007	mg/L		2/19/15		
003	QMB	Zinc	0.009	mg/L		2/19/15		
* (QBM) - Quarterly ben	chmark monitoring; (ELG) -	(QBM) - Quarterly benchmark monitoring; (ELG) - Annual effluent limitations guidelines monitoring; (S/T) - State- or Tribal-specific monitoring; (I) - Impaired waters monitoring; (O) -Other monitoring as required by EPA	onitoring: (S/T) - Sta	ate- or Tribal-sp	ecific monitoring, (I) - I	mpaired waters monitorin	3; (O) -Other monitoring as requ	ired by EPA
4. Comment and/or Exp	 Comment and/or Explanation of Any Violations (Reference all attachments 	eference all attachments here)					·	
F. Certification								
Hector M. Avila		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief this accurate and removate.	flaw that this document and all attachments were prepared pervision in accordance with a system designed to assure properly gathered and evaluated the information submitted. The person or persons who manage the system, or those sible for gathering the information, the information submitted will define the persons and belief that accurate and persons are computed.	tachments were ystem designed the information ge the system, the information, the information and complete.	prepared to assure submitted. I submitted a submitted a submitted a submitted an august a submitted are a submitted.			3/9/5
Typed or Printed Name Officer or A	Typed or Printed Name/Title of Principal Executive Officer or Authorized Agent	that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	submitting false info	ormation, includ		Iture of Principal Executiv	Signature of Principal Executive Officer or Authorized Agent	Date
Email of Principal Execu	Email of Principal Executive Officer or Authorized Agent:	hector	2000	- E				

Instructions for Completing the MSGP Industrial Discharge Monitoring Report (MDMR)

Who Must Submit A Discharge Monitoring Report to EPA?

Facilities covered under the Multi-Sector General Permit (MSGP or permit) that are required to monitor pursuant to Parts 6.2, 6.3, and 8 of the permit must submit the MSGP Discharge Monitoring Report (MDMR) consistent with the reporting requirements specified in Part 7.1 of the permit.

Where to File the MDMR Form

Monitoring data collected pursuant to Parts 6.2, 6.3, and 8 of the permit must be submitted electronically via EPA's Electronic Notice of Intent System (eNOI), which can be found at www.epa.gov/npdes/enoi. Filing electronically will allow permittees to easily submit the results of monitoring data to EPA. If you cannot access eNOI, monitoring results must be reported on the paper MDMR form and sent to one of the following addresses:

Via U.S. mail:

U.S. Environmental Protection Agency Office of Water, Water Permits Division Mail Code 4203M, ATTN: MSGP Reports 1200 Pennsylvania Avenue, NW Washington, D.C. 20460

Via Overnight/Express Delivery:

U.S. Environmental Protection Agency Office of Water, Water Permits Division Room 7420, ATTN: MSGP Reports 1201 Constitution Avenue, NW Washington, D.C. 20004 Phone number: 202-564-9545

Completing the MDMR Form

To complete this form, type or print in uppercase letters in the appropriate areas only. Be sure that you complete all applicable questions. Photocopy your MDMR form for your records before you send the completed original form to the appropriate address above. Use ink when you sign and mail the original document – EPA will not accept photocopies. You may also use this paper form as a checklist for the information you will need when submitting a MDMR electronically via EPA's eNOI system.

Reasons for Submission

Indicate your reason(s) for submitting this MDMR by checking all boxes that apply. The reasons for submission are defined as follows:

- Submitting monitoring data: For each storm sampled, submit one MDMR form with data for all outfalls sampled. Select this reason even if you only have monitoring data for some of your outfalls (i.e., some outfalls did not discharge). If you select this reason you are required to complete all Sections of the form.
- Reporting no discharge for all outfalls for this monitoring period: Indicates
 that there were no discharges from all outfalls during this monitoring
 period. If you select this reason you are only required to complete
 Sections A, B, C.1, D, and F.
- Reporting that your site status has changed to inactive and unstaffed: Indicates that your facility is currently inactive and unstaffed (See Part 6.2.1.3 of the permit for more information). If you select this reason you are only required to complete Sections A, B, and F and include date of status change in the comment field in Section E.4.
- Reporting that you site status has changed from inactive to active: Indicates that your facility is currently active (See Part 6.2.1.3 of the permit for more information). If you select this reason you are required to complete all Sections of the form and include date of status change in the comment field in Section E.4.
- Reporting that no further reductions are achievable for all outfalls and for all pollutants via Part 6.2.1.2 of the permit: Indicates that your facility has determined that no further pollutant reductions are technologically and economically practicable in light of best industry practice to meet the technology-based effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1.2 of the permit for more information). If you select this reason you are required to complete Sections A, B and F. However, if you can make this finding for some outfalls and pollutants, but not for others, you cannot select this reason; you will instead be able to identify which outfalls and which pollutants you can make this finding for in Section E.

Section A. Permit Tracking Number

Enter the National Pollutant Discharge Elimination System (NPDES) tracking number assigned by EPA's Stormwater Notice Processing Center to the facility. If you do not know the tracking number, you can find the tracking number assigned to your facility on EPA's Notice of Intent (NOI) Search website (www.epa.gov/npdes/noisearch).

Section B. Facility Information

- Enter the facility's official or legal name. Unless the name of your facility has changed, please use the same name provided on your NOI. You can use EPA's NOI Search website (<u>www.epa.gov/npdes/noisearch</u>) to view your NOI.
- 2.a-d. Enter the street address, including city, state, and zip code of the actual physical location of the facility. Do not use a P.O. Box.
- 3. (Optional) Identify the name, telephone number, and email address of the person who will serve as a contact for EPA on issues related to monitoring at your facility. This person should be able to answer questions related to stormwater discharges and monitoring or have immediate access to individuals with that knowledge. This person does not have to be the facility operator, but should have intimate knowledge of monitoring activities at the facility.
- 4. If the form was prepared by someone other than the person who is signing the certification statement in Section F (for example, if the MDMR was prepared by a member of the facility's stormwater pollution prevention learn or a consultant for the certifier's signature), include the name, organization, phone number and email address of the MDMR preparer.

Section C. Discharge Information

- 1. Indicate the appropriate monitoring period (Quarter 1, 2, 3, or 4) covered by the MDMR. "Atternative" monitoring periods can apply to facilities located in arid and semi-arid climates, or in areas subject to snow or prolonged freezing. To use alternative monitoring periods, you must provide a revised monitoring schedule here in the first monitoring report submitted and indicate for which alternative monitoring period you are reporting monitoring data. If using alternative monitoring periods, identify the first day of the monitoring period through the last day of the monitoring period for each of the four periods. The dates should be displayed as month (Mo) / day (Day). See Parts 6.1.6 and 6.1.7 of the permit for more information.
- 2. If you are submitting benchmark monitoring data, identify if your facility is required to collect benchmark samples for one or more hardness-dependent metals (i.e., cadmium, copper, lead, nickel, silver, and zinc). If you select "yes" to this question you must also complete Question 2.a. and if you select "no" to this question you may skip to Section D.
- 2.a. If you selected "yes" for Question 2 under Section C, then you are required to submit to EPA with your first benchmark report a hardness level, established consistent with the procedures in Appendix J of the permit, which is representative of your receiving water. If your outfalls discharge to more than one receiving water, as reported in your NOI form, you should report hardness for the receiving water with the lowest hardness values. Hardness values must be reported in milligrams per liter (mg/L).

Section D. Outfall Information

- Enter the total number of outfalls identified in your stormwater pollution prevention plan (SWPPP). Outfalls are locations where stormwater exits the facility, including pipes, ditches, swales, and other structures used to remove stormwater from the facility.
- Indicate if your facility has two or more outfalls that you believe discharge substantially identical effluents (i.e., stormwater), based on the similarities of the general industrial activities and control measures, exposed materials that may significantly contribute pollutants to stormwater, and runoff coefficients of their drainage areas. See Parts 5.1.5.2 and 6.1.1 of the permit for more information on substantially identical outfalls.
- 2.a. If you selected 'yes" for Question 2 under Section D, then you must list the outfall name(s) in Column 3.B. that you expect to be substantially identical to the corresponding outfall in Column 3.A.
- Monitored Outfall Name: List name(s) of outfall(s) you are required to monitor in Column 3.A.
- Substantially Identical Outfalls: List name(s) of outfall(s) substantially identical to "Monitored Outfall" in Column 3.A. (if applicable)].
- 3.C No Discharge: Check box if you are reporting "No Discharge" for the monitored outfall for the reporting period identified in Section C.1.

Example:

3.A Monitored Outfall	3.B. Substantially Identical Outfall	3.C. No	
Name		Discharge	
Outfall A	Outfall B; Outfall C		
Outfall D		X	

Reference attachment if additional space is needed to complete the Table Section D.

Section E. Monitoring Information

- Enter the NPDES tracking number assigned by EPA's Stormwater Notice Processing Center to the facility reported in Section A.
- 2. For the reported monitoring event indicate whether the discharge was from a rainfall or snowmelt event. If you select "rainfall" then indicate the duration (in hours) of the rainfall event, rainfall total (in inches) for that rainfall event, and time (in days) since the previous measurable storm event in line items 2.a-c. For both rainfall and snowmelt monitoring, you must identify the date of collection for the monitoring event in column 3.g. of the table. If the discharge occurs during a period of both rainfall and snowmelt, check both the rainfall and snowmelt boxes and report the appropriate rainfall information in item 2.a-c. To report multiple monitoring events in the same reporting period, copy Page 2 of this Form and enter each monitoring event separately with data for all outfalls sampled.

For each pollutant monitored at an outfall, you must complete one row in the Table as follows:

- Outfall Name: Provide the outfall name for which you monitored (e.g., Outfall 1, Outfall 2, Outfall 3).
- 3.b. Monitoring Type: Provide the type of monitoring using the specified codes, in parentheses, below:
 - . (QBM) Quarterly benchmark monitoring
 - (ELG) Annual effluent limitations guidelines monitoring;
 - · (S/T) State- or Tribal-specific monitoring;
 - . (I) Impaired waters monitoring; or
 - . (O) Other monitoring as required by EPA
- 3.c. Parameter(s): Enter each "Parameter" (or "pollutant") monitored. For QBM and ELG monitoring, use the same parameter name as in Part 8 of the permit.
- 3.d. Quality or Concentration: Enter sample measurement value for each parameter analyzed and required to be reported. Enter "ND" (i.e., not detected) for any sample results below the method detection limit or "BQL" (i.e., below quantitation limit) for sample results above the detection limit but below the quantitation limit.
- 3.e. Units: Enter the units for sample measurement values (i.e., "mg/L" for milligrams per liter) for each parameter analyzed and required to be reported. For monitoring results reported as ND or BQL this space will be left blank and the units will be reported in Column 3.f.
- 3.f. Results Description: This section must be completed for any monitoring results reported as ND or BQL in the "Quality or Concentration" column. For ND, report the laboratory detection level and units in this column. For BQL, report the laboratory quantitation limit and units in this column.
- Collection Date: Identify the sampling date for each parameter monitoring result reported on this form.
- 3.h. Exceedance due to natural background poliutant levels: Check box if following the first 4 quarters of benchmark monitoring (or sooner if the exceedance is triggered by less than 4 quarters of data) you have determined that the exceedance of the benchmark is attributable solely to the presence of that pollutant in the natural background for that outfall and any substantially identical outfalls. See Part 6.2.4.2 of the permit for more information. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.
- 3.i. No further pollutant reductions achievable: Check box if after collection of 4 quarterly samples (or sooner if the exceedance is triggered by less than 4 quarters of data), the average of the 4 monitoring values for any parameter exceeds the benchmark and you have made the determination that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice to meet the technology-based

- effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1. of the permit for more information) for that outfall and any substantially identical outfalls. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.
- 4. Where violations of the permit requirements are reported, include a brief explanation to describe the cause and corrective actions taken, and reference each violation by date. Also, this section should include any additional comments such as are required when changing site status from inactive and unstaffed to active or vice versa. Attach additional pages if you need more space.

Attach additional copies of Section E as necessary to address all outfalls and parameters.

Section F. Certification

Enter "Name/Title of Principal Executive Officer or Authorized Agent," "Date" form was signed and email of the "Principal Executive Officer or Authorized Agent," "Date" form was signed and email of the "Principal Executive Officer or Authorized Agent." If you submit multiple pages of Section E monitoring data, each page must be appropriately signed and certified as described below.

Certification statement and signature (see Section B.11 in Appendix B of the permit for more information). Federal statutes provide for severe penalties for submitting false information on this reporting form. Federal regulations require this form to be signed by one of the following individuals, or a duly authorized representative of that person, as follows:

For a corporation: by a responsible corporate officer, which means:

- (i) president, secretary, treasurer, or vice-president of the corporation in charge
 of a principal business function, or any other person who performs similar policy
 or decision making functions for the corporation, or
- (ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures:

For a partnership or sole proprietorship: by a general partner or the proprietor; or For a municipal, State, Federal, or other public facility: by either a principal executive or ranking elected official.

Paperwork Reduction Act Notice

Public reporting burden for this certification is estimated to average 7.25 hours per response plus an additional 2 hours for respondents required to gather hardness data, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments regarding the burden estimate, any other aspect of the collection of information, or suggestions for improving this form, including any suggestions which may increase or reduce this burden to: Director, Office of Environmental Information Services, Collection Services Division (2823), USEPA, 1200 Pennsylvania Avenue, NW, Washington, DC 20460. Include the OMB control number of this form on any correspondence. Do not send the completed MDMR form to this address.





REPORT OF ANALYSIS

ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: February 27, 2015

CONTRACT: AES - Guayama

SAMPLE DATE: 02/19/15

DESCRIPTION: SW - 001

LAB. SAMPLE ID: BEL-1500639 SAMPLE COLLECTED BY: Client (H. Ávila)

EPA

TIME: 6:30AM

LAB. FILE ID: 1500639

PARAMETER

MATRIX: Water

DATE RECEIVED: 02/19/15

IPLE PE	UNITS	BEL-1500639 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
ab ab	mg/L	<4.00 0.568	4.00	W	02/24/15

	METHOD	TYPE		RESULT	LIMIT	ANALISI	ANALYZED
TSS	SM 2540 D*	Grab	mg/L	<4.00	4.00	WV	02/24/15
Aluminum	200.7(ICAP)	Grab	mg/L	0.568	0.005	BTR	02/24/15
Iron	200.7(ICAP)	Grab	mg/L	0.344	0.010	BTR	02/24/15
Lead	200.7(ICAP)	Grab	mg/L	0.002	0.001	BTR	02/24/15
Zinc	200.7(ICAP)	Grab	mg/L	0.124	0.001	BTR	02/24/15

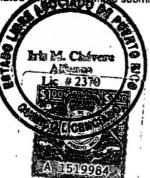
TSS-Total Suspended Solids

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related of submitted.

Lcda. Iris M. Chévere Alfonzo **Laboratory Director** Chemist License 2370

Attachment: Chain of Custody Records (1)



PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING • CERTIFICATION NUMBER E87556 • 192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

^{*}Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

192 Villa Street • Ponce, P.R 00730-4875 Tel. 787-841-7373 • Fax 787-841-7313

CHAIN OF CUSTODY RECORD

PROYECTNO.	СОМРА	ES bunga	ma	SAMPLEN AVILLE
SAMPLE LOCATION/CLIEN	מונס	Sw- do	1	TIME 6:30 (AM) CONTROL NO.
SAMPLE DATE		2-19	1 -	15 BEL NO 1500639 180221
I. General Environmental:	PC	VSS	PC	SamplingWitness;
Acidity ()		Alkalinity ()		Date/Time:
Ammonia as N ()	-	Bicarbonate ()	-	Commence of the commence of th
BOD-5 ()	****	Bromide ()		Relinquished by:
Chloride ()		Chlorine, Res. ()	-	7005
COD ()		Color (ADMI) ()		Date/Time: 1 19 50 15 1:10 mg
Conductivity µmhos/cm() Dissolved Oxygen ()	******	Color (Pt-Co) ()	-	Received by:
Hardness ()	-	Cyanide () Fluoride ()		Received by:
Moisture %	-	Fluoride ()		- Vila for Arm
Nitrite ()	-	Nitrate ()		Bate/Tingle: / 7-19-15/ 1:10/h
Oil+Grease ()		Nitrate + Nitrite ()		Relinguished by:
Phenol ()		pH, S.U. ()		Kemigasied by.
Phosphorus, Total ()		Phosphate, Ortho ()		My Kree from
Sett Solids mg/L ()	-	Sett. Solids mL/L ()	-	Date/Tiple: 2-19-15 3.05pm
Sulfate ()		Solids, Total ()	-	Received by:
Sulfite ()		Sulfide ()		(1000)
TDS () Temperature, *C ()	******	Surfactant ()		C printed 4/5
TOC ()	-	TSS TKN (X)	1	Date/Time: / 2-19-18 3:05 pm
Asbestos ()	-	MD 4 1 4/:	-	Relinquished by:
TVS ()		Carbonate ()	-	Kemiquished by.
Total Nitrogen ()	-	()		
2. Mctals:				Date/Time:
Aluminum (Al)	13	Cadmium (Cd) ()	-	Received by:
Chromium (Cr) ()	-	Copper (Cu) ()		Received by.
Iron (Fe) (13	Lead (Pb) (大)	43	
Manganese (Mn) (*)	-	Mercury (Hg) ()		Date/Time:
Nickel (Ni) () Silver (Ag) ()	-	Selenium (Se) ()	-	**
	1.7	Tin (Sn) () Arsenic (As) ()	-	Matrix
Barium (Ba) ()		Arsenic (As) () Boron (B) ()		air () water (χ) sludge ()
Antimony (Sb) ()		Beryllium (Be) ()		liquid () soil () solid ()
Bismuth (Bi) ()		Calcium (Ca) ()	-	• ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '
Chromium, VI (CrVI) ()		Cobali (Co) ()		oil () mixed () other ()
Magnesium (Mg) ()		Molybdenum (Mo) ()		Constitution
Potassium (K) ()		Silicon (Si) ()		Specify:
Sodium (Na) ()		Strontium (Sr) ()		Description Codes - DC
Thallium (Ti) () Vanadium (V) ()	***************************************	Titanium (Ti) ()	-	Preservative Codes = PC
Vanadium (V) ()	- Maddinana	Lithium (Li) ()		
3. RCRA/Hazardous wastes				1. Cool, <6°C 6. Sodium Hydroxide(NaOH)
Ignitability (Flash Pt.)()		Corrosivity ()		2. Sulfuric Acid (H ₂ SO ₄) pH<2 7. Zinc Acetate
Reactivity (CN & S) ()		TCLP ()		3. Nitric Acid (HNO ₃), pH<2 8. Ascorbic Acid
RCRA Metals ()		Organics-Pest/Herb ()		
Organics-BNA ()	-	Organics-VOA ()		4. Hydrochloric acid (HCl) 9. FAS
rox ()				5. Sodium Thiosulfate 10.Other
A Sanaisa Onus-1-				
4. Specific Organics Volatiles ()		Phenois GC ()		Sample type legend:
Volatiles () Pesticides/PCB's ()		Semi-Volitiles (BNA) () PCB's Only ()	-	grab samples x
Herbicides ()		PCB's Only () TPH 418.1 ()		,
ETEX ()		TTO ()		composite samples xx
TTO & Dioxin ()	-	TPH 8015 ()	-	Turnaround time: Sampling Equipment:
		Lindane ()		,
. Microbiology				l day () Automatic Sampler ()
Fecal Coliform ()		Total Coliform ()	-	•
Comments:				3 days ()
The state of the s				5 days ()
				Note: normal turnaround time is ten (10) working days;
		non-service and an annual service and an ann		
		^		additional charges apply for rush orders.





REPORT OF ANALYSIS

ATTENTION:

Mr. Hector Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: February 27, 2015

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1500640

SAMPLE COLLECTED BY: Client (H. Ávila)

SAMPLE DATE: 02/19/15 TIME: 6:35AM

DESCRIPTION: SW-002

LAB. FILE ID: 1500640

DATE RECEIVED: 02/19/15

MATRIY. Motor

				***	ATRIA. VYaler		
PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1500640 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
TSS Aluminum Iron Lead Zinc	SM 2540 D* 200.7(ICAP) 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab Grab	mg/L mg/L mg/L mg/L mg/L	6.00 0.947 0.272 0.004 0.006	4.00 0.005 0.010 0.001 0.001	WV BTR BTR BTR BTR	02/24/15 02/24/15 02/24/15 02/24/15 02/24/15

TSS-Total Suspended Solids

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Loda. Iris M. Chévere Alfonzo Laboratory Director Chemist License 2370

Attachment: Chain of Custody Records (1)



PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING CERTIFICATION NUMBER E87556

192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

^{*}Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

192 Villa Street • Ponce, P.R. 00730-4875 Tel. 787-841-7373 • Fax 787-841-7313

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPAN	ES Qui	pom.		SAMPRIA AVIJA
SAMPLE LOCATION/CLIEN	TID	Sw_	00	2	TIME 6: 35 AM CONTROL NO.
SAMPLE DATE		2-	19	-	15 BEL NO. 1500640 180803
General Environmental	PC	vss	Marketon Armino Antorico	PC	SamplingWitness;
Acidity ()		Alkalinity (()	-	Date/Time:
Ammonia as N ()	-	Bicarbonate ()		Relinquished by:
BOD-5		Bromide ()		The state of the s
Chlonde ()		Chlorine, Res. (}		- From
COD ()		Color (ADMI) ()		Date/Timo! 19/1/26/11 1:00 Par
Conductivity µmhos/cm ()	-	Color (Pt-Co)	.)		Received by:
Dissolved Oxygen ()		Cyanide (}		Received by
Hardness () Moisture % ()		Fluoride ()		/ Wy lin / Jenns
Art. 1		lodide (,		Date/Time: 2/19-15/1:10 on
Nitrite () Oil-Grease ()		Nitrate (Nitrate + Nitrite (,	-	
Phenol ()		pH. S.U. (,	****	Religioushed by:
Phosphorus, Total ()		Phosphare, Ortho (,		1 to live / percent
Sctt Solids mg/L ()	-	Seit. Solids ml./t. ()	_	Date/Time: 2-19-15 2:1544
Sulfate ()		Solids, Total	í		
Sulfite ()	-	Sulfide (, ,	-	Received by: /2 . /2
TDS ()		Surfactant (,	-	Xamail Carlot
Temperature. ℃ ()	-	:000		工	
TOC ()		TKN (+	•	Date/Time: 3-19-15 3:05 pm
Asbestos ()		Turbidity (j j		Relinquished by:
TVS ()		Carbonate (,,
Total Nitrogen ()		,	,		
2. Metals:					Date/Time:
Aluminum (Al) ()	1,3	Cadmium (Cd) ()		Received by:
Chromium (Cr) ()		Copper (Cu) (}		Received by.
fron (Fe) (20)	1,3	Lead (Pb) (X) !	1,3	
Manganese (Mn) ()		Mercury (Hg) ()	,	Date/Time:
Nickel (Ni) ()		Sclenium (Se) ()		
Silver (Ag) ()		Tin (Sn) ()	_	Matrix
Zinc (Zn) (C)	12	Arsenic (As) ()		
Barium (Ba) ()	1-	Boron (B) ()		air () water (χ) sludge ()
Antimony (Sb) ()		Beryllium (Bc) ()	-	liquid () soil () solid ()
Bismuth (Bi) ()	-	Calcium (Ca) ()	-	oil () mixed () other ()
Chromium, VI (CrVI) ()		Cobalt (Co) ()		on () mixed () onler ()
Magnesium (Mg) ()		Molybdenum (Mo) (1		Specify:
Potassium (K) ()		Silicon (Si) 1)		Specity.
Sodium (Na) ()	**	Strontium (Sr) ()		Preservative Codes = PC
Thallium (TI) ()		Titanium (Ti) ()		rreservative Codes = rC
Vanadium (V) ()		Lithium (Li) ()		
3 PCPA:Handless					1. Cool, <6°C 6. Sodium Hydroxide(NaOH)
3. RCRA/Hazardous wastes		Commission			2. Sulfuric Acid (H,SO ₄) pH<2 7. Zinc Acetate
Ignitability (Flash Pt.)() Reactivity (CN & S) ()		Corrosivity ()		
DCD A MA . I		TCLP (}	****	3. Nitric Acid (HNO ₃), pH<2 8. Ascorbic Acid
Organics-BNA ()		Organics-Pest/Herb (Organics-VOA (4. Hydrochloric acid (HCl) 9. FAS
TOX ()		Olkanies-AOV (}		5. Sodium Thiosulfate 10.Other
					5. Souther Emosurate W.Chief
4. Specific Organics		Phenois GC (}		Sample type legend:
Volatiles ()	****	Semi-Volitiles (BNA) (
Pesticides/PCB's ()		PCB's Only (grab samples x
Herbicides ()	-	TPH 418.1 (-	composite samples xx
BTEX ()		TTO (
TTO & Dioxin ()	-	TPH 8015 (Turnaround time: Sampling Equipment:
		Lindane (
5. Microbiology					l day () Automatic Sampler ()
Fecal Coliform ()	No. 1997 At	Iotal Coliform (1		
Comments:					3 days ()
Comments.					5 days ()
					Note: normal turnaround time is ten (10) working days;
					additional charges apply for rush orders.





REPORT OF ANALYSIS

ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: February 27, 2015

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1500641

SAMPLE COLLECTED BY: Client (H. Ávila)

DATE RECEIVED: 02/19/15

SAMPLE DATE: 02/19/15 TIME: 6:50AM

DESCRIPTION: SW - 003

LAB. FILE ID: 1500641

	10/10			Pri	ATRIX: Water		
PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1500641 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
TSS Aluminum Iron Lead Zinc	SM 2540 D* 200.7(ICAP) 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab Grab	mg/L mg/L mg/L mg/L mg/L	10.0 0.912 0.396 0.007 0.009	4.00 0.005 0.010 0.001 0.001	WV BTR BTR BTR BTR	02/24/15 02/24/15 02/24/15 02/24/15 02/24/15

TSS-Total Suspended Solids

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo **Laboratory Director** Chemist License 2370

Attachment: Chain of Custody Records (1)



PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING CERTIFICATION NUMBER E87556

192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

^{*}Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

192 Villa Street • Ponce, P.R. 00730-4875 Tel. 787-841-7373 • Fax 787-841-7313

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPAN	HES Grayen	a.	SAMPLEY Avila
SAMPLE LOCATION/CLIF	NT ID	5050	03	TIME: 6.50 AM CONTROL NO.
SAMPLE DATE		7-19	- 1	5 BEL. NO. 1500641 180804
1. General Environmental:	no	- <u> </u>		SamplingWitness;
Acidity ()	PC	VSS Altradiation	PC	
Ammonia as N		Alkalimity ()	-	Date/Time:
BOD-S	-	Bicarbonate ()	-	Relinquished by:
Chloride ()	* ******	011	assessment for	The state of the s
COD ()	-	0.1 ((5))	-	
Conductivity jumbus'em (Color (ADMI) () Color (Pt-Co) ()		Date/Time / 1/03/5/ 1:10 8m
Dissolved Oxygen ()		Cvanide ()	-	Received by:
Hardness ()	-	Fluoride ()	-	/// Ht // // //
Moisture % ()		lodide ()	-	July I'm / free /
Nitrite ()	****	Nitrate ()		Bate/Tiple: 7-19/-15 1:13/4
Oil+Grease ()	-	Nitrate + Nitrite ()		Reliniquished by:
Phenol ()	-	pH, S.U. ()	-	1 Les
Phosphorus, Total ()		Phosphate, Ortho ()	-	/ gf pu /
Sett Solids mg/L ()	***	Sen. Solids mL/L ()	/	Date/Time: 2-18-15 3:05/
Sulfate ()		Solids, Total ()	-	Received by:
Suffite () TDS ()		Sulfide ()		
Temperature, "C ()	-	Surfactant ()		Nimaue (Jinka)
Torri	****	TSS	_	Date/Time: 2 2-19-15 3:05 PM
Asbestos ()		TKN ()		Relinquished by:
TVS	-manage-resign	Turbidity () Carbonate ()		Kennquisned by:
Total Nitrogen ()		Carbonate ()	-	
2. Metala:				Date/Time:
Aluminum (Al) Un	13	Cadmium (Cd) ()		
Chromium (Cr) ()		Copper (Cu) ()	-	Received by:
fron (Fe) (X	\Box	Lead (Pb) (-)	1,3	
Manganese (Mn) ()	70	Mercury (Hg) (1	Last.	Date/Time:
Nickel (Ni) ()	-	Selenium (Se) ()		A
Silver (Ag) ()		Tin (Sn) ()		Matrix
Zinc (Zn)	1,7	Arsenie (As) ()		
Barium (Ba) ()		Boron (B) ()		air () water (x) sludge ()
Antimony (Sb) ()	-	Beryllium (Be) ()		liquid () soil () solid ()
Bismuth (Bi) ()	And States on	Calcium (Ca) ()		oil () mixed () other ()
Chromium, VI (CrVI) ()	F00700 No.	Cobalt (Co) ()		on () mixed () other ()
Magnesium (Mg) () Potassium (K) ()	~~~	Molybdenum (Mo) ()		Specify:
Potassium (K) () Sodium (Na) ()	-	Silicon (Si) ()		specie;
Thallium (T) ()	on talepos o	Strontium (Sr) () Titanium (Ti) ()	-	Preservative Codes = PC
Vanadium (V) ()	****	Titanium (Ti) () Lithium (Li) ()		reservative codes - re
(,, ,	PPONE	Cinium ((.i) ()	- manualta	
3. RCRA/Hazardous wastes				1. Coot.<6°C 6. Sodium Hydroxide(NaOH)
Ignitability (Flash Pt.)()		Corresivity ()		2. Sulfuric Acid (H ₂ SO ₄) pH<2 7. Zinc Acetate
Reactivity (CN & S) ()	-	TCLP ()		3. Nitric Acid (HNO ₃), pH<2 8. Ascorbic Acid
RCRA Metals ()		Organics-Pest/Herb ()	-	, .
Organics-BNA ()	cons. coppany.	Organics-VOA ()	-	4. Hydrochloric acid (HCl) 9. FAS
rox ()	****			5. Sodium Thiosulfate 10.Other
1 Paris D				
4. Specific Organics		Phenols GC ()	-	Sample type legend:
Volatiles () Pesticides/PCB's ()	no college	Semi-Volitiles (BNA) ()	Partie - Str- u	
	******	PCB's Only ()	annument.	
armata.	Millioner	TPH 418.1 ()	20.000.00	composite samples xx
ITO & Dioxin ()	Military in	TTO ()		Turnaround time: Sampling Equipment:
	***		*************	
5. Microbiology		Lindanc ()		1 day / \ Automatic Complex / \
recal Coliforn ()		Total Coliform ()		1 day () Automatic Sampler ()
. /	1-m-man	, ,	-	2 days () Sample Pick Up ()
~				3 days ()
Comments:			management stra	
The state of the s				5 days ()
PPERMIT HAMPING MANAGEMENT AND ADMINISTRATION OF THE PROPERTY ADMINISTRATION OF THE PROPERTY AND ADMINISTRATION OF THE PROPERTY AND ADMINISTRATION OF THE PROPERTY AND ADMINISTRATION OF THE PR		***************************************		Note: normal turnaround time is ten (10) working days:
				additional charges apply for rush orders.
			Origin	and the state of t

AES/EPA -001



tel 787 866 8117 fax 787 866 8139 www.aespuertorico.com

Chief, Multimedia Permits and Compliance Branch Caribbean Environmental Protection Division U.S. Environmental Protection Agency, Region 2 City View Plaza II, Suite 7000 48 RD. 165 Km. 1.2 Guaynabo, Puerto Rico 00968-8069

RE:

Administrative Order on Consent Docket Number CWA-02-2015-3102 –

Compliance with AOC Section VII, ¶66

Dear Jose:

On March 18, 2015 AES Puerto Rico LP ("AES-PR") and the United States Environmental Protection Agency ("EPA") entered into the above referenced Administrative Order on Consent ("AOC"), under which AES-PR is obligated to comply with certain requirements (AOC Section VII, Ordered Provisions). All capitalized terms in this letter shall have the meaning as defined in the AOC.

Under AOC Section VII ¶66, within thirty (30) calendar days of the Effective Date of the AOC, AES-PR is required to complete and submit the MDMR forms for the benchmark monitoring conducted pursuant to the requirements of the previous Administrative Compliance Order (ACO), Docket Number CWA-02-2012-3100, and the MSGP. Section 7.1 of the MSGP requires the following "All monitoring data collected pursuant to Parts 6.2 and 6.3 must be submitted to EPA using EPA's online eNOI system (www.epa.gov/npdes/eNOI) no later than 30 days (email date or postmark date) after you have received your complete laboratory results for all monitored outfalls for the reporting period."

AES-PR previously timely submitted all required MDMR forms to the eNOI system, as required by the previous ACO and Section 7.1 of the MSGP. Nonetheless, in compliance with the new AOC requirement, AES-PR hereby submits copies of the required MDMR forms as attachments to this letter, as well as evidence showing the forms were filed online using EPA's eNOI system. We submit these forms and proof of previous filing with EPA's eNOI system for your acceptance and closure of the requirement set forth in Section VII, ¶66 of the AOC.

Please note that AES-PR is submitting these forms one day after signing the AOC, well in advance of the required deadline. We respectfully ask EPA to advise AES-PR promptly, should the agency have any concerns with this submission. Should AES-PR not receive any timely comments from EPA, we will reasonably consider that EPA has agreed that AES-PR has satisfied this requirement of AOC Section VII, ¶66 in full. Should EPA require additional time to review and provide comments back to AES-PR, that review time is of course entirely beyond the control of AES-PR and should be added to the required time frame for AEŞ-PR to comply with this requirement.

Regards,

Manuel Mata

President AES Puerto Rico

Attachments

Administrative Order on Consent AES Puerto Rico Coal Fired Power Plant Docket Number CWA-02-2015-3102 NPDES Tracking Number PRU020663

Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Manuel Mata

President AES Puerto Rico

3/20/15

Date

Administrative Order on Consent
AES Puerto Rico Coal Fired Power Plant
Docket Number CWA-02-2015-3102
NPDES Tracking Number PRU020663

Attachment 1

Administrative Order on Consent Docket Number CWA-02-2015-3102

Compliance with AOC Section VII, ¶66

Required Reporting for Q4 2013 under Section B-12 of our MSGP

Industrial Discharge Monitoring Report (MDMR)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460 GGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDI

Form Approved. OMB No. 2040-0004

MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)	
Reason(s) for Submission (Check all that apply):	Management of Marie (1994) and the second of
☑ Submitting monitoring data (Fill in all Sections). Reporting no discharge for all outfalls for this monitoring period (Fill in Sections A, B, C.1, D, and F). Reporting that your site status has changed to inactive and unstaffed (Fill in Sections A, B, F and include date of status change in comment field in Section Reporting that your site status has changed to active (Fill in all Sections and include date of status change in comment field in Section E.4). Reporting that no further pollutant reductions are achievable for all outffalls and for all pollutants via Part 6.2.1.2 of the MSGP (Fill in Sections A, B and F).	
A. Permit Tracking Number: PRR05BL65 Note: Read instructions before	completing this Form
B. Facility Information	. В в примен на применения
1. Facility Name: AES PUERTO RICO	
2. Facility Location:	
a. Street: P R - 0 3 K M 1 4 2 . 0 B O . J O B O S	
b. City: GUAYAMA	7 8 5 -
3. Additional Facility Information (Optional): Contact Name: MANUFU MATALLULULULULULULULULULULULULULULULULULU	
mainueri mai	
Phone: 787-866-8117 Ext. 2233	
4. MDMR Preparer (Complete if MDMR was prepared by someone other than the person signing the certification in Section F) Prepared by: HECTOR MAVILA	
Organization: AES PUERTO RUCH	
Ema#: h e c t o r . a v i l a@a e s . c o m	
Phone: 787 - 866 - 8117 Ext. 2266	
C. Discharge Information	
1. Identify monitoring period: Check here if proposing alternative monitoring periods due to irregular stormwater runoff. Identify alternative monitoring period you are reporting monitoring data:	mative monitoring
☐ Quarter 1 (April 1 – June 30) ☐ Quarter 1: From ☐ 1 / ☐ 1 To ☐ 3 / 3 1	
Quarter 2 (July 1 – September 30) Quarter 2: From 0 4 / 0 1 To 0 6 / 3 0	
☐ Quarter 3 (October 1 – December 31) ☐ Quarter 3: From ☐ 7 / ☐ 1 To ☐ 9 / 3 0	
☐ Quarter 4 (January 1 – March 31) ☐ Quarter 4: From 10 / 01 To 12 / 31	
2. Are you required to monitor for cadmium, copper, chromium, lead, nickel, silver, or zinc? 🗹 Yes (Complete line item 2.a.) 🔲 No (Skip to Section D)	
2a. What is the hardness level of the receiving water? 6800 mg/L	
D. Outfall Information	
1. How many outfall(s) are identified in your SWPPP? 03 List name of outfall(s) required to be monitored in table below.	
2. Do any of your outfalls discharge substantially identical effluents? ☐ YES ☑ NO	
2.a. If yes, for each monitored outfall, indicate outfall names that are substantially identical in table below.	
3.A. Monitored Outfall Name* 3.B. Substantially Identical Outfalls [List name(s) of outfall(s) substantially identical to outfall in 3.A. (if applicable)]	3.C. No Discharge?
*Reference attachment if additional space needed to complete the table.	

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

3.i. No further pollutant reductions achievable? Note: Make additional copies of this form as necessary. Date (QBM) - Quarterly benchmark monitoring; (ELG) - Annual effluent limitations guidelines monitoring; (S/T) - State- or Tribal-specific monitoring; (I) - Impaired waters monitoring; (O) -Other monitoring as required by EPA Form Approved. OMB No. 2040-0004 3.h. Exceedance due to natural background pollutant levels Signature of Principal Executive Officer or Authorized Agent 0 1 9 3.g. Collection Date 2.c. Time since previous measurable storm event (days): 10/08/13 10/08/13 10/08/13 10/08/13 0/08/13 10/08/13 10/08/13 10/08/13 10/08/13 10/08/13 10/08/13 3.f. Results Description persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. WASHINGTON, DC 20460
MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR) I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those 3.e. Units |hector|.aviila@aes.com mg/L mg/L mg/L mg/L ₩g/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L 3.d. Quality or Concentration 3 0 0.272 0.008 0.007 0.082 0.171 11.1 0.004 2.49 13.2 2.41 116 Nature of Discharge: 2 Rainfall (Complete line items 2.a., 2.b., & 2.c.) 🔲 Snowmett Rainfall amount (inches): 4. Comment and/or Explanation of Any Violations (Reference all attachments here) 3.c. Parameter 2.6 Aluminum Aluminum Lead Lead Lead Zinc Zinc Permit Tracking Number: |PIRIR|0|5|B|L|6|5| 10 ron Lo ron Email of Principal Executive Officer or Authorized Agent: Typed or Printed Name/Title of Principal Executive 3.b. Monitoring Type (QBM, ELG, S/T, I, O) 0 2.a. Duration of the rainfall event (hours): Officer or Authorized Agent QMB QMB QMB QMB QMB QMB QMB OMB QMB E. Monitoring Information Hector M. Avila 3.a. Outfall Name F. Certification 003A 003A 003 002 002 005 004 00 8 90

Instructions for Completing the MSGP industrial Discharge Monitoring Report (MDMR)

Who Must Submit A Discharge Monitoring Report to EPA?

Facilities covered under the Multi-Sector General Permit (MSGP or permit) that are required to monitor pursuant to Parts 6.2, 6.3, and 8 of the permit must submit the MSGP Discharge Monitoring Report (MDMR) consistent with the reporting requirements specified in Part 7.1 of the permit.

Where to File the MDMR Form

Monitoring data collected pursuant to Parts 6.2, 6.3, and 8 of the permit must be submitted electronically via EPA's Electronic Notice of Intent System (eNOI), which can be found at www.epa.gov/npdes/enoi. Filing electronically will allow permittees to easily submit the results of monitoring data to EPA. If you cannot access eNOI, monitoring results must be reported on the paper MDMR form and sent to one of the following addresses:

Via U.S. mail:

U.S. Environmental Protection Agency Office of Water, Water Permits Division Mail Code 4203M, ATTN: MSGP Reports 1200 Pennsylvania Avenue, NW Washington, D.C. 20460

Via Ovemiqht/Express Delivery:
U.S. Environmental Protection Agency
Office of Water, Water Permits Division
Room 7420, ATTN: MSGP Reports
1201 Constitution Avenue, NW
Washington, D.C. 20004
Phone number: 202-564-9545

Completing the MDMR Form

To complete this form, type or print in uppercase letters in the appropriate areas only. Be sure that you complete all applicable questions. Photocopy your MDMR form for your records before you send the completed original form to the appropriate address above. Use ink when you sign and mail the original document – EPA will not accept photocopies. You may also use this paper form as a checklist for the information you will need when submitting a MDMR electronically via EPA's eNOI system.

Reasons for Submission

Indicate your reason(s) for submitting this MDMR by checking all boxes that apply. The reasons for submission are defined as follows:

- Submitting monitoring data: For each storm sampled, submit one MDMR form with data for all outfalls sampled. Select this reason even if you only have monitoring data for some of your outfalls (i.e., some outfalls did not discharge). If you select this reason you are required to complete all Sections of the form.
- Reporting no discharge for all outfalls for this monitoring period: Indicates
 that there were no discharges from all outfalls during this monitoring
 period. If you select this reason you are only required to complete
 Sections A, B, C.1, D, and F.
- Reporting that your site status has changed to inactive and unstaffed: Indicates that your facility is currently inactive and unstaffed (See Part 6.2.1.3 of the permit for more information). If you select this reason you are only required to complete Sections A, B, and F and include date of status change in the comment field in Section E.4.
- Reporting that you site status has changed from inactive to active: Indicates that your facility is currently active (See Part 6.2.1.3 of the permit for more information). If you select this reason you are required to complete all Sections of the form and include date of status change in the comment field in Section E.4.
- Reporting that no further reductions are achievable for all outfalls and for all pollutants via Part 6.2.1.2 of the permit: Indicates that your facility has determined that no further pollutant reductions are technologically and economically practicable in light of best industry practice to meet the technology-based effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1.2 of the permit for more information). If you select this reason you are required to complete Sections A, B and F. However, if you can make this finding for some outfalls and pollutants, but not for others, you cannot select this reason; you will instead be able to identify which outfalls and which pollutants you can make this finding for in Section E.

Section A. Permit Tracking Number

Enter the National Pollutant Discharge Elimination System (NPDES) tracking number assigned by EPA's Stormwater Notice Processing Center to the facility. If you do not know the tracking number, you can find the tracking number assigned to your facility on EPA's Notice of Intent (NOI) Search website

(www.epa.gov/npdes/noisearch).

Section B. Facility Information

- Enter the facility's official or legal name. Unless the name of your facility has changed, please use the same name provided on your NOI. You can use EPA's NOI Search website (www.epa.gov/npdes/noisearch) to view your NOI.
- 2.a-d. Enter the street address, including city, state, and zip code of the actual physical location of the facility. Do not use a P.O. Box.
- 3. (Optional) Identify the name, telephone number, and email address of the person who will serve as a contact for EPA on issues related to monitoring at your facility. This person should be able to answer questions related to stormwater discharges and monitoring or have immediate access to individuals with that knowledge. This person does not have to be the facility operator, but should have intimate knowledge of monitoring activities at the facility.
- 4. If the form was prepared by someone other than the person who is signing the certification statement in Section F (for example, if the MDMR was prepared by a member of the facility's stormwater pollution prevention team or a consultant for the certifier's signature), include the name, organization, phone number and email address of the MDMR preparer.

Section C. Discharge Information

- 1. Indicate the appropriate monitoring period (Quarter 1, 2, 3, or 4) covered by the MDMR. "Alternative" monitoring periods can apply to facilities located in arid and semi-arid climates, or in areas subject to snow or prolonged freezing. To use alternative monitoring periods, you must provide a revised monitoring schedule here in the first monitoring report submitted and indicate for which alternative monitoring period you are reporting monitoring data. If using alternative monitoring periods, identify the first day of the monitoring period through the last day of the monitoring period for each of the four periods. The dates should be displayed as month (Mo) / day (Day). See Parts 6.1.6 and 6.1.7 of the permit for more information.
- If you are submitting benchmark monitoring data, identify if your facility is
 required to collect benchmark samples for one or more hardness-dependent
 metals (i.e., cadmium, copper, lead, nickel, silver, and zinc). If you select "yes"
 to this question you must also complete Question 2.a. and if you select "no" to
 this question you may skip to Section D.
- 2.a. If you selected "yes" for Question 2 under Section C, then you are required to submit to EPA with your first benchmark report a hardness level, established consistent with the procedures in Appendix J of the permit, which is representative of your receiving water. If your outfalls discharge to more than one receiving water, as reported in your NOI form, you should report hardness for the receiving water with the lowest hardness values. Hardness values must be reported in milligrams per liter (mg/L).

Section D. Outfall Information

- Enter the total number of outfalls identified in your stormwater pollution prevention plan (SWPPP). Outfalls are locations where stormwater exits the facility, including pipes, ditches, swales, and other structures used to remove stormwater from the facility.
- Indicate if your facility has two or more outfalls that you believe discharge substantially identical effluents (i.e., stormwater), based on the similarities of the general industrial activities and control measures, exposed materials that may significantly contribute pollutants to stormwater, and runoff coefficients of their drainage areas. See Parts 5.1.5.2 and 6.1.1 of the permit for more information on substantially identical outfalls.
- 2.a. If you selected "yes" for Question 2 under Section D, then you must list the outfall name(s) in Column 3.B. that you expect to be substantially identical to the corresponding outfall in Column 3.A.
- 3.A. Monitored Outfall Name: List name(s) of outfall(s) you are required to monitor in
- Substantially Identical Outfalls: List name(s) of outfall(s) substantially identical to "Monitored Outfalf" in Column 3.A. (if applicable)].
- 3.C No Discharge: Check box if you are reporting "No Discharge" for the monitored outfall for the reporting period identified in Section C.1.

Example:

3.A Monitored Outfall Name	3.B. Substantially Identical Outfall	3.C. No Discharge
Outfall A	Outfall B; Outfall C	
Outfall D		X

Reference attachment if additional space is needed to complete the Table Section D.

Section E. Monitoring Information

- Enter the NPDES tracking number assigned by EPA's Stormwater Notice Processing Center to the facility reported in Section A.
- 2. For the reported monitoring event indicate whether the discharge was from a rainfall or snowmelt event. If you select "rainfall" then indicate the duration (in hours) of the rainfall event, rainfall total (in inches) for that rainfall event, and time (in days) since the previous measurable storm event in line items 2.a-c. For both rainfall and snowmelt monitoring, you must identify the date of collection for the monitoring event in column 3.g. of the table. If the discharge occurs during a period of both rainfall and snowmelt, check both the rainfall and snowmelt boxes and report the appropriate rainfall information in item 2.a-c. To report multiple monitoring events in the same reporting period, copy Page 2 of this Form and enter each monitoring event separately with data for all outfalls sampled.

For each pollutant monitored at an outfall, you must complete one row in the Table as follows:

- Outfall Name: Provide the outfall name for which you monitored (e.g., Outfall 1, Outfall 2, Outfall 3).
- Monitoring Type: Provide the type of monitoring using the specified codes, in parentheses, below:
 - · (QBM) Quarterly benchmark monitoring
 - · (ELG) Annual effluent limitations guidelines monitoring;
 - · (S/T) State- or Tribal-specific monitoring;
 - . (I) Impaired waters monitoring; or
 - . (O) Other monitoring as required by EPA.
- Parameter(s): Enter each "Parameter" (or "pollutant") monitored. For QBM and ELG monitoring, use the same parameter name as in Part 8 of the permit.
- 3.d. Quality or Concentration: Enter sample measurement value for each parameter analyzed and required to be reported. Enter "ND" (i.e., not detected) for any sample results below the method detection limit or "BQL" (i.e., below quantitation limit) for sample results above the detection limit but below the quantitation limit.
- 3.e. Units: Enter the units for sample measurement values (i.e., "mg/L" for milligrams per liter) for each parameter analyzed and required to be reported. For monitoring results reported as ND or BQL this space will be left blank and the units will be reported in Column 3.f.
- 3.f. Results Description: This section must be completed for any monitoring results reported as ND or BQL in the "Quality or Concentration" column. For ND, report the laboratory detection level and units in this column. For BQL, report the laboratory quantitation limit and units in this column.
- Collection Date: Identify the sampling date for each parameter monitoring result reported on this form.
- 3.h. Exceedance due to natural background pollutant levels: Check box if following the first 4 quarters of benchmark monitoring (or sooner if the exceedance is triggered by less than 4 quarters of data) you have determined that the exceedance of the benchmark is attributable solely to the presence of that pollutant in the natural background for that outfall and any substantially identical outfalls. See Part 6.2.4.2 of the permit for more information. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.
- 3.i. No further pollutant reductions achievable: Check box if after collection of 4 quarterly samples (or sooner if the exceedance is triggered by less than 4 quarters of data), the average of the 4 monitoring values for any parameter exceeds the benchmark and you have made the determination that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice to meet the technology-based

- effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1. of the permit for more information) for that outfall and any substantially identical outfalls. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.
- 4. Where violations of the permit requirements are reported, include a brief explanation to describe the cause and corrective actions taken, and reference each violation by date. Also, this section should include any additional comments such as are required when changing site status from inactive and unstaffed to active or vice versa. Attach additional pages if you need more space.

Attach additional copies of Section E as necessary to address all outfalls and parameters.

Section F. Certification

Enter "Name/Title of Principal Executive Officer or Authorized Agent," "Date" form was signed and email of the "Principal Executive Officer or Authorized Agent," "Date" form was signed and email of the "Principal Executive Officer or Authorized Agent." If you submit multiple pages of Section E monitoring data, each page must be appropriately signed and certified as described below.

Certification statement and signature (see Section B.11 in Appendix B of the permit for more information). Federal statutes provide for severe penalties for submitting false information on this reporting form. Federal regulations require this form to be signed by one of the following individuals, or a duly authorized representative of that person, as follows:

For a corporation: by a responsible corporate officer, which means:

- (i) president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation, or
- (ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

For a partnership or sole proprietorship: by a general partner or the proprietor; or For a municipal, State, Federal, or other public facility: by either a principal executive or ranking elected official.

Paperwork Reduction Act Notice

Public reporting burden for this certification is estimated to average 7.25 hours per response plus an additional 2 hours for respondents required to gather hardness data, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments regarding the burden estimate, any other aspect of the collection of information, or suggestions for improving this form, including any suggestions which may increase or reduce this burden to: Director, Office of Environmental Information Services, Collection Services Division (2823), USEPA, 1200 Pennsylvania Avenue, NW, Washington, DC 20460. Include the OMB control number of this form on any correspondence. Do not send the completed MDMR form to this address.





REPORT OF ANALYSIS

ATTENTION:

Mr. Héclor Avila

COMPANY:

AES Puerto Rico - Guayama

DATE: November 12, 2013

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1305160

SAMPLE COLLECTED BY: Client (H. Ávila)

DATE RECEIVED: 10/18/13

SAMPLE DATE: 10/08/13

TIME: 8:20AM

DESCRIPTION: Stormwater 002

LAB. FILE ID: 1305160

MATRIX: Water

Personal State of Control of Cont					77774747 478461		
PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1305160	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Hardness, Total Aluminum Iron Lead Zinc	SM 2340 C ⁻ 200.7(ICAP) 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab Grab	mg/L mg/L mg/L mg/L mg/L	850. 93.6 116. 0.008 0.272	3.50 0.050^ 0.050^ 0.001 0.001	GN BTR BTR BTR BTR	10/31/13 10/22/13 10/22/13 10/22/13 10/22/13

^{*}Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample re u to the sample submitted.

Loda. Iris M. Chévere Al **Laboratory Director** Chemist License 2370

Attachment: Chain of Custody R

PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING CERTIFICATION NUMBER E87556 •

192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

[^]Dilution Factor: 5

192 Villa Street • Ponce, P.R. 00730-4875 Tel. 787-841-7373 • Fex 787-841-7313

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPA	AES Guy	· •	SAMPLER Avita
SAMPLE LOCATION/CLIEN	T ID	Stornwater		107 TIME Q- 20 (AM) CONTROL NO.
SAMPLE DATE		10-8-1	13	BEL. NO. 1305160 167581
1. General Environmental.	PC	VSS	PC	SamplingWitness;
Acidity ()		Alkalinity ()		Date/Time:
Ammonia as N ()		Bicarbonate ()		Relinquished by:
BOD-5 ()		Bromide ()		Kemiquished by:
Chloride ()		Chlorine, Res. ()		1000
COD ()		Color (ADMI) ()	-	Date/Time: 10/18/13 / 1. 46 am
Conductivity µmino/em () Dissolved Oxygen ()	-	Color (PI-Co) ()		Received by:
Hardness ()	13	Cyanida () Fluorida ()		Miles / Charie
Moisture %	- James	Indide ()	-	/ VALUE VIII VIII VIII
Nitrite ()		Nitrate ()		Date/Tiple:/ 101/8-13/ 0:46 Am
Oil+Grease ()		Nitrate + Nitrite ()		Relinquished by:
Phenol ()	******	pH, S.U. ()		Vate 1/2 /Herend/
Phosphorus, Total () Sett Solids mg/L ()	_	Phosphale, Ortho ()		
Sulfate ()		Sett. Solids mL/L ()		Date/Time: 10-13-13 11:30 AM
Sulfite ()	_	Salids, Total () Sulfide ()		Received by:
TDS ()		Surfactant ()	-	- 1)- L.
Temperature, °C ()	-	TSS ()		Date (Times I a Constitution of the Constituti
TOC ()	-	TKN ()		Date/Time: 12/18/13 11:300m
Ashestos ()		Turbidity ()	-	Relinquished by:
TVS () Total Nitrogen ()		Carbonale ()		
Total Nitrogen () 2. Metals:	13			Date/Time:
Aluminum (Al) (X)	1.3	Cadmium (Cd) ()		
Chromium (Cr) ()		Copper (Cu) ()	•	Received by:
Iron (Fe) (X)	团	Lend (Pb) LO	73	
Manganese (Mn) ()	-	Mercury (Hg) ()		Date/Time:
Nickel (Ni) ()	**********	Selenium (Se) ()		
Silver (Ag) () Zine (Zn) ()	U	Tin (Sn) ()	-	Matrix
Zinc (Zn) (X) Barium (Ba) ()	O	Arsenic (As) () Boron (B) ()		air () water (;;) sludge ()
Antimony (Sb) ()	-	Boron (B) () Beryllium (Be) ()		liquid () soil () solid ()
Bismuth (Bi) ()	-	Celcium (Ca) ()	-	
Chromium, VI (CrVI) ()		Cobalt (Co) ()		oil () mixed () other ()
Magnesium (Mg) ()		Molybdenum (Mo) ()		Chanif.
Potassium (K) ()	-	Silicon (Si) ()		Specify:
Sodium (Na) () Thallium (TI) ()		Strontium (Sr) ()		Preservative Codes = PC
Thallium (TI) () Vanadium (V) ()	-	Titanium (Ti) () Lithium (Li) ()		I reservative codes = I.C.
(*)		Limital (Li) ()	-	10140
3. RCRA/Hazardous wastes				1. Cool,<6°C 6. Sodium Hydroxide(NaOH)
Ignitability (Flash PL)()		Corrosivity ()	****	2. Sulfuric Acid (H ₂ SO ₂) pH<2 7. Zinc Acetate
Reactivity (CN & S) ()		TCLP ()		3. Nitric Acid (HNO ₂), pH<2 8. Ascorbic Acid
RCRA Metais () Organics-BNA ()	molifology	Organics-Pest/Herb ()		4. Hydrochloric acid (HCl) 9. FAS
TOX ()		Organics-VOA ()		And the second s
()	~			5. Sodium Thiosulfate 10.Other
4. Specific Organics		Phenois GC ()		Sample type legend:
Volatiles ()		Semi-Volitiles (BNA) ()		
Pesticides/PCB's () Herbicides ()		PCB's Only ()	-	grab samples x
	-	TPH 438,3 ()	-	composite samples xx
FTEX () FTO & Diencin ()		TTO () TPH 8015 ()		Turnaround time: Sampling Equipment:
		TPH 8015 () Lindane ()		ver sens and miss. sembus rdarhment.
. Microbiology				l day () Automatic Sampler ()
Fecal Coliforn ()	-	Total Coliform ()		
Comments:				3 days ()
				5 days ()
				Note: normal turnaround time is ten (10) working days;
				additional charges apply for rush orders.

ORIGINAL





REPORT OF ANALYSIS

ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: November 12, 2013

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1305161

SAMPLE COLLECTED BY: Client (H. Ávila)

SAMPLE DATE: 10/08/13

DESCRIPTION: Stormwater 003A

TIME: 08:35AM

LAB. FILE ID: 1305161

DATE RECEIVED: 10/18/13

MATRIX: Water

					Tirtire Traici		
PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1305161	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Hardness, Total Aluminum Iron Lead Zinc	SM 2340 C* 200.7(ICAP) 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab Grab	mg/L mg/L mg/L mg/L mg/L	68.0 2.49 2.41 0.004 0.171	3.50 0.010 0.010 0.001 0.001	GN BTR BTR BTR BTR	10/31/13 10/22/13 10/22/13 10/22/13

[&]quot;Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only lightly sample submitted.

Loda, Iris M. Chévere Alfonz Laboratory Director

Chemist License 2370

Attachment: Chain of Custody Records

PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS.

REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES.

CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING

• CERTIFICATION NUMBER E87556 •

192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

192 Villa Street - Ponce, P.R. 00730-4875 Tel. 787-841-7373 - Fex 787-841 7313

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY	AES Queye	SAMPLER! AV: ba
SAMPLE LOCATION/CLIE	MT ID	Stormwat	er 003 A TIME 08:35 W CONTROL NO.
SAMPLE DATE			3 BEL NO. /305/61 167580
General Environmental:			Compline With
Acidity ()	PC	VSS P Affeatimity ()	Date/Time:
Ammonia as N ()		Bicarbonate ()	
BOD-5	******	Bromide ()	Relinquished by:
Chlorids ()	-	Chlorine, Res. ()	4919
	-	Color (ADMI) ()	- Date/Time. 10/16/13 8:46am
Dissolved Oxygen ()	-	Color (Pt-Co) ()	Received by:
Hardness (20)	1,3	Fluoride ()	- Math line Human
Moisture % ()		Todide ()	- July William
Nitrite () Oil+Grease ()	-	Nitrate ()	Date/Tingle: 10 = 18 -131 8:46 Am
Phenol ()	-	Nitrate + Nitrite () pH, S.U. ()	Relinquished by:
Phosphorus, Total ()	-	Phosphate, Ortho ()	- Water Liver Arms
Sett Solids mg/L ()		Sett. Solids mL/L ()	Date/Time: 40-18-13 1/3010
Sulfate ()	-	Solids, Total ()	Received by:
Sulfite ()	-	Sulfide ()	
Temperature, °C ()	. =	Sturfactant ()	- Jose PL
TOC · ()		TKN ()	- Date/Time: 10/18/13 11: 200-
Asbestos ()		Turbidity ()	Relinquished by:
TVS () Total Nitrogen ()		Carbonale ()	
Total Nitrogen () 2. Metals:	-		Date/Time:
Aluminum (Al) (X)	1,3	Cadmium (Cd) ()	
Chromium (Cr) ()		Copper (Cu) ()	- Received by:
iron (Fe) (X)	13	Land (Ph) (A) (A)	
Manganese (Mn) () Nickel (Ni) ()	-	Mercury (Hg) ()	Date/Time:
Nickel (Ni) () Silver (Ag) ()	- - - 	Selenium (Sc) ()	
Zinc (Zn)	1.3		- Matrix
Barium (Ba) ()	<u>~</u>	Barran (B) ()	air () water (X) sludge ()
Antimony (Sb) ()	Authorn	Beryllium (Be) ()	liquid () soil () solid ()
Bismuth (Bi) () Chronium, VI (CrVI) ()		Arsenic (As) () Beron (B) () Beryllium (Be) () Calcium (Ca) ()	oil () mixed () other ()
Magnesium (Mg) ()	-	Cobali (Co) () Molybdenum (Mo) () Silicon (Si) ()	
Potassium (K) ()		Silicon (Si) ()	Specify:
Sodium (Na) ()	-	Stroutium (Sr) ()	•
Thallium (TI) () Vanadium (V) ()		Titanium (Ti) ()	Preservative Codes = PC
**************************************	-	Lithium (Li) ()	•
3. RCRA/Hazardous wastes		•	1. Cool, <6°C 6. Sodium Hydroxide(NaOH)
Ignitability (Flash PL)()		Corrosivity ().	2. Sulfuric Acid (H ₂ SO ₂) pH<2 7. Zinc Acetate
Reactivity (CN & S) () RCRA Metals ()		TCLP ()	3. Nitric Acid (HNO ₃), pH<2 8. Ascorbic Acid
Organics-BNA ()	-	Organics-Pest/Herb () Organics-VOA ()	4. Hydrochloric acid (HCl) 9. FAS
TOX ()		Organics-VOA ()	5. Sodium Thiosulfate 10.Other
4 F!6- D!			2. Souther Thiosultage 10.Outer
4. Specific Organics Volatiles ()		Phenois GC ()	Sample type legend:
voianies () Pesticides/PCB's ()		Semi-Volitiles (BNA) () PCB's Only ()	grab samples x
Herbicides ()		TPH 418.1	composite samples xx
BTEX ()	-	TTO ()	
TTO & Dioxin ()		TPH 8015 ()	Turvaround time: Sampling Equipment:
5. Microbinlogy		Lindans ()	I day () Automatic Committee ()
Fecal Coliform ()	****	Total Coliform ()	l day () Automatic Sampler () 2 days () Sample Pick Up ()
Summar & C			3 days ()
Comments:			5 days ()
	-		
			Note: normal turnsround time is ten (10) working days;
			additional charges apply for rush orders.

ORIGINAL





REPORT OF ANALYSIS

ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: November 12, 2013

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1305162

SAMPLE DATE: 10/08/13

DESCRIPTION: Stormwater 004

SAMPLE COLLECTED BY: Client (H. Ávila) DATE RECEIVED: 10/18/13

TIME: 8:42AM

LAB. FILE ID: 1305162

MATRIX: Water

					ATTUAL YVALET		
PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1305162	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Hardness, Total Aluminum Iron Lead Zinc	SM 2340 C* 200.7(ICAP) 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab Grab	mg/L mg/L mg/L mg/L mg/L	332. 11.1 13.2 0.007 0.082	3.50 0.010 0.010 0.001 0.001	GN BTR BTR BTR BTR	10/31/13 10/22/13 10/22/13 10/22/13

^{*}Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995,

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data copts Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample result ample submitted.

Lcda, Iris M. Chévere Alfor Laboratory Director Chemist License 2370

Attachment: Chain of Custody Records

PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING CERTIFICATION NUMBER E87556 •

192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

192 Villa Street • Ponce, P.R. 00730-4875 Tel. 787-841-7373 • Fax 787-841-7313

CHAIN OF CUSTODY RECORD

PROYECT NO.		COMPAN	#EC	1		SAMPLED 1
SAMPLE LOCA	730.1/27			Sand	m	H. Avrla
SAMPLE DATE	-	(TID	Store	n wat	مع	OOY TIME 8:42 (AM CONTROL NO.
SAMPLEDATE				10-8-	13	BELNO 1305/62 L67582
General Enviro Acidity	nmental:	PC	VSS		PC	SamplingWitness;
Ammonia as N	65		Alkalinity Bicarbonate	()		Date/Time:
BOD-5 Chloride	()	-	Bromide Chlorine, Re	()	-	Relinquished by:
COD	ò		Color (ADM		-	Date/Time: /8/1/8/13 1 6-46
Conductivity µmb Dissolved Oxygen	os/cm()		Color (Pt-Co Cyanide) ()	_	Date/Time: /0/18/13 (-'96 and
Hardness	40	13	Fluoride	()		latt Line Grund
Moisture % Nitrite			lodide Nitrate	()	-	
Oil+Grease	63	•	Niuste + Nit	nite ()		Date/Tirgle: 1 /0-18-13 8:46 Am Relinquished by:
Phenoi Phospharus, Total	()	-	pH, S.U. Phosphare, O	()		Alto Charles
Sett Solids mg/L	()		Sett. Solids n	L/L ()		Date/Time: 10-15-13 1/:70 km
Sulfate Sulfite	\Box	******	Solids, Total Sulfide	()		Received by:
TDS	Ċ		Surfactant	()	_	- (). n.
Temperature, *C	()	-	TSS TKN	()	-	Date/Time: 10/18/13 11:300
Asbestos TVS	()		Turbidity	65		Relinquished by:
Total Nitrogen	()	**********	Carbonate	()	-	
2. Metals: Aluminum (Al)	h	13				Date/Time:
Chromium (Cr)		15	Cadmium Copper	(Ca) ()	_	Received by:
Iron (Fe) Manganese (Mn	-11	F3	Lead	(Pb) Lb	13	
Nickel (NI)		<u> </u>	Mercury Selenium	(Hg) () (Se) ()	-	Date/Time:
Silver (Ag) Zinc (Zn)		13	Tin	(Sn) ()		Matrix
Barium (Ba)	(-	Arsenic Boron	(As) () (B) ()	-	air () water () sludge ()
Antimony (Sb) Bismuth (Bi)	()		Beryllium	(Be) ()		liquid () soil () solid ()
Chromium, VI (CrV	ກໄດ້	_	Calcium Cobalt	(Ca) () (Co) ()	*******	oil () mixed () other ()
Magnesium (Mg) Potassium (K)	()			(Mo) ()	=	Specify:
Sodium (Na)	()			(Si) () (Sr) ()	-	
Thallium (T1) Vanadium (V)	()			(m) ()	•	Preservative Codes = PC
			munti	(4)	***************************************	1. Cool, <6°C 6. Sodium Hydrovide(NaOH)
3. RCRA/Hazardou gnitability (Flash P	L)()		Corrosivity	()		2 Guis de la la companya de la compa
Reactivity (CN & S)			TCLP	()	******	2. Suiting Acid (H ₂ SO ₄) pH<2 7. Zing Acetate 3. Nitrig Acid (HNO ₃), pH<2 8. Ascorbig Acid
Organics-BNA		_	Organics-Pest/ Organics-VOA	. ,		4. Hydrochloric acid (HCl) 9. FAS
rox	()			. ()	-	5. Sodium Thiosulfate 10.Other
. Specific Organics			Phenois GC	()		
/olatiles 'esticides/PCB's	()	-	Semi-Volitiles	(BNA) { }		Sample type legend:
lerbicides	()		PCB's Only TPH 418.1	()	**********	grab samples x
TO & Dioxin	()	-	TTO TPH 8015	()		composite samples xx
	. ,	***	Lindane	()	-	Turnaround time: Sampling Equipment:
. Microbiology ecal Coliform	()		Total Coliform	()		1 day () Automatic Sampler ()
			vonoiti	. ,		2 days () Sample Pick Up ()
omments:					No.	3 days ()
						5 days ()
Citing and the second s		Wildelmounegen	The State of the S		-	Note: normal turnaround time is ten (10) working days;
				OPIG	IMA:	additional charges apply for rush orders.

ORIGINAL

Administrative Order on Consent
AES Puerto Rico Coal Fired Power Plant
Docket Number CWA-02-2015-3102
NPDES Tracking Number PRU020663

Attachment 2

Administrative Order on Consent Docket Number CWA-02-2015-3102

Compliance with AOC Section VII, ¶66

Required Reporting for Q1 2014 under Section B-12 of our MSGP

Industrial Discharge Monitoring Report (MDMR)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

Form Approved.

OMB No. 2040-0004 MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR) Reason(s) for Submission (Check all that apply): Submitting monitoring data (Fill in all Sections). Reporting no discharge for all outfalls for this monitoring period (Fill in Sections A, B, C.1, D, and F). Reporting that your site status has changed to inactive and unstaffed (Fill in Sections A, B, F and include date of status change in comment field in Section E.4). Reporting that your site status has changed to active (Fill in all Sections and include date of status change in comment field in Section E.4). Reporting that no further pollutant reductions are achievable for all outffalls and for all pollutants via Part 6.2.1.2 of the MSGP (Fill in Sections A, B and F). A. Permit Tracking Number: | PRR05BL65 Note: Read instructions before completing this Form. B. Facility Information 1. Facility Name: AES PUERTO RICO 2. Facility Location: PR-03 KM 142.0 BO a. Street: c. State: PR d. Zíp Code: 00785 -GUAYAMA b. City: 3. Additional Facility Information (Optional): MANUEL MATAII Contact Name: Email: manuell. malta@aes..com 787-866-8117 Phone: 4. MDMR Preparer (Cor nplete if MDMR was prepared by someone other than the person signing the certification in Section F) Prepared by: HECTOR M AVILA S PUERTO RICO Organization: hlectorialviila@alesi.com Email: 787-866-8117 Phone C. Discharge Information Check here if proposing alternative monitoring periods due to irregular stormwater runoff. Identify alternative monitoring schedule and indicate for which alternative monitoring period you are reporting monitoring data: 1. Identify monitoring period: Quarter 1 (April 1 - June 30) ☑ Quarter 1: From 0 1 / 0 1 To 0 3 / 3 1 Quarter 2 (July 1 - September 30) Quarter 2: From 0|4|/|0|1| To |0|6|/|3|0 Quarter 3 (October 1 - December 31) Quarter 3: From 0 7 / 0 1 To 0 9 / 3 0 Quarter 4 (January 1 - March 31) Quarter 4: From 10/01 To 12/31 2. Are you required to monitor for cadmium, copper, chromium, lead, nickel, silver, or zinc? 🗹 Yes (Complete line item 2.a.) 🔲 No (Skip to Section D) 2a. What is the hardness level of the receiving water? 6800 mg/L D. Outfall Information How many outfall(s) are identified in your SWPPP?
 I list name of outfall(s) required to be monitored in table below. Do any of your outfalls discharge substantially identical effluents?YESNO 2.a. If yes, for each monitored outfall, indicate outfall names that are substantially identical in table below. 3.A. Monitored Outfall Name 3.B. Substantially Identical Outfalls [List name(s) of outfall(s) substantially identical to outfall in 3.A. (if applicable)] 3.C. No Discharge? Reference attachment if additional space needed to complete the table.

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SEPA	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460 MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (S ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460 DISCHARGE MONITORING REPORT (MDMR)	CTION AGEN	cy T (MDMR)	Form Approv	Form Approved. OMB No. 2040-0004	
E. Monitoring Information					Note: Mak	Note: Make additional copies of this form as necessary.	form as necessary.
1. Permit Tracking Number:	=						
2. Nature of Discharge: 🔲 Rainfall (Complete line items 2.a., 2.b., & 2.c.)	ie items 2.a., 2.b., & 2.c.)	##					
2.a. Duration of the rainfall event (hours):	2.b. Rainfall amount (inches):		2.c. Time sin	ice previous measurab	2.c. Time since previous measurable storm event (days):	\neg	
3.a. Outfall Name (QBM, ELG, S/T, I, O)*	3.c. Parameter	3.d. Quality or Concentration	3.e. Units	3.f. Results Description	3.g. Collection Date	3.h. Exceedance due to natural background pollutant levels	3.i. No further pollutant reductions achievable?
			The second secon				
						0	
	en bestelle de						
						0	
							0
* (QBM) - Quarterly benchmark monitoring; (ELG) - Annual effluent limitations guidelines monitoring; (S/T) - State- or Tribal-specific monitoring; (I) - Impaired waters monitoring; (O) -Other monitoring as required by EPA	- Annual effluent limitations guidelines	monitoring; (S/T) - Sta	te- or Tribal-s	pecific monitoring; (I) -	Impaired waters monitoring; (O) -Other monitoring as requ	ired by EPA
4. Comment and/or Explanation of Any Violations (Reference all attachments here,	(Reference all attachments here)						
F. Certification							
Hector M. Avila	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, frue, accurate, and complete. I am aware	s document and all attacordance with a synthesis accordance with a synthesis and evaluated or persons who manage the information, belief, true, accurate,	lachments we stem designer the information ge the system, the informatic and complete	te prepared d to assure n submitted. or those n submitted.			3/11/2
Typed or Printed Name/Title of Principal Executive Officer or Authorized Agent		or submitting false info for knowing violations	ormation, inclu		Signature of Principal Executive Officer or Authorized Agent	Officer or Authorized Agent	Date
Email of Principal Executive Officer or Authorized Agent:	hector.	avilla@aes.	. com				

Instructions for Completing the MSGP Industrial Discharge Monitoring Report (MDMR)

Who Must Submit A Discharge Monitoring Report to EPA?

Facilities covered under the Multi-Sector General Permit (MSGP or permit) that are required to monitor pursuant to Parts 6.2, 6.3, and 8 of the permit must submit the MSGP Discharge Monitoring Report (MDMR) consistent with the reporting requirements specified in Part 7.1 of the permit.

Where to File the MDMR Form

Monitoring data collected pursuant to Parts 6.2, 6.3, and 8 of the permit must be submitted electronically via EPA's Electronic Notice of Intent System (eNOI), which can be found at www.epa.gov/npdes/enoi. Filing electronically will allow permittees to easily submit the results of monitoring data to EPA. If you cannot access eNOI, monitoring results must be reported on the paper MDMR form and sent to one of the following addresses:

Via U.S. mail:

U.S. Environmental Protection Agency Office of Water, Water Permits Division Mail Code 4203M, ATTN: MSGP Reports 1200 Pennsylvania Avenue, NW Washington, D.C. 20460

Via Overnight/Express Delivery: U.S. Environmental Protection Agency Office of Water, Water Permits Division Room 7420, ATTN: MSGP Reports 1201 Constitution Avenue, NW Washington, D.C. 20004 Phone number: 202-564-9545

Completing the MDMR Form

To complete this form, type or print in uppercase letters in the appropriate areas only. Be sure that you complete all applicable questions. Photocopy your MDMR form for your records before you send the completed original form to the appropriate address above. Use ink when you sign and mail the original document – EPA will not accept photocopies. You may also use this paper form as a checklist for the information you will need when submitting a MDMR electronically via EPA's eNOI system.

Reasons for Submission

Indicate your reason(s) for submitting this MDMR by checking all boxes that apply. The reasons for submission are defined as follows:

- Submitting monitoring data: For each storm sampled, submit one MDMR form with data for all outfalls sampled. Select this reason even if you only have monitoring data for some of your outfalls (i.e., some outfalls did not discharge). If you select this reason you are required to complete all Sections of the form.
- Reporting no discharge for all outfalls for this monitoring period: Indicates
 that there were no discharges from all outfalls during this monitoring
 period. If you select this reason you are only required to complete
 Sections A, B, C.1, D, and F.
- Reporting that your site status has changed to inactive and unstaffed: Indicates that your facility is currently inactive and unstaffed (See Part 6.2.1.3 of the permit for more information). If you select this reason you are only required to complete Sections A, B, and F and include date of status change in the comment field in Section E.4.
- Reporting that you site status has changed from inactive to active: Indicates that your facility is currently active (See Part 6.2.1.3 of the permit for more information). If you select this reason you are required to complete all Sections of the form and include date of status change in the comment field in Section E.4.
- Reporting that no further reductions are achievable for all outfalls and for all pollutants via Part 6.2.1.2 of the permit: Indicates that your facility has determined that no further pollutant reductions are technologically and economically practicable in light of best industry practice to meet the technology-based effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1.2 of the permit for more information). If you select this reason you are required to complete Sections A, B and F. However, if you can make this finding for some outfalls and pollutants, but not for others, you cannot select this reason; you will instead be able to identify which outfalls and which pollutants you can make this finding for in Section E.

Section A. Permit Tracking Number

Enter the National Pollutant Discharge Elimination System (NPDES) tracking number assigned by EPA's Stormwater Notice Processing Center to the facility. If you do not know the tracking number, you can find the tracking number assigned to your facility on EPA's Notice of Intent (NOI) Search website (www.epa.gov/npdes/noisearch).

Section B. Facility Information

- Enter the facility's official or legal name. Unless the name of your facility has changed, please use the same name provided on your NOI. You can use EPA's NOI Search website (www.epa.gov/npdes/noisearch) to view your NOI.
- 2.a-d. Enter the street address, including city, state, and zip code of the actual physical location of the facility. Do not use a P.O. Box.
- (Optional) Identify the name, telephone number, and email address of the
 person who will serve as a contact for EPA on issues related to monitoring at
 your facility. This person should be able to answer questions related to
 stormwater discharges and monitoring or have immediate access to individuals
 with that knowledge. This person does not have to be the facility operator, but
 should have intimate knowledge of monitoring activities at the facility.
- 4. If the form was prepared by someone other than the person who is signing the certification statement in Section F (for example, if the MDMR was prepared by a member of the facility's stormwater pollution prevention team or a consultant for the certifier's signature), include the name, organization, phone number and email address of the MDMR preparer.

Section C. Discharge Information

- 1. Indicate the appropriate monitoring period (Quarter 1, 2, 3, or 4) covered by the MDMR. "Alternative" monitoring periods can apply to facilities located in arid and semi-arid climates, or in areas subject to snow or prolonged freezing. To use alternative monitoring periods, you must provide a revised monitoring schedule here in the first monitoring report submitted and indicate for which alternative monitoring period you are reporting monitoring data. If using alternative monitoring periods, identify the first day of the monitoring period through the last day of the monitoring period for each of the four periods. The dates should be displayed as month (Mo) / day (Day). See Parts 6.1.6 and 6.1.7 of the permit for more information.
- If you are submitting benchmark monitoring data, identify if your facility is
 required to collect benchmark samples for one or more hardness-dependent
 metals (i.e., cadmium, copper, lead, nickel, silver, and zinc). If you select "yes"
 to this question you must also complete Question 2.a. and if you select "no" to
 this question you may skip to Section D.
- 2.a. If you selected "yes" for Question 2 under Section C, then you are required to submit to EPA with your first benchmark report a hardness level, established consistent with the procedures in Appendix J of the permit, which is representative of your receiving water. If your outfalls discharge to more than one receiving water, as reported in your NOI form, you should report hardness for the receiving water with the lowest hardness values. Hardness values must be reported in milligrams per liter (mg/L).

Section D. Outfall Information

- Enter the total number of outfalls identified in your stormwater pollution prevention plan (SWPPP). Outfalls are locations where stormwater exits the facility, including pipes, ditches, swales, and other structures used to remove stormwater from the facility.
- Indicate if your facility has two or more outfalls that you believe discharge substantially identical effluents (i.e., stormwater), based on the similarities of the general industrial activities and control measures, exposed materials that may significantly contribute pollutants to stormwater, and runoff coefficients of their drainage areas. See Parts 5.1.5.2 and 6.1.1 of the permit for more information on substantially identical outfalls.
- 2.a. If you selected "yes" for Question 2 under Section D, then you must list the outfall name(s) in Column 3.B. that you expect to be substantially identical to the corresponding outfall in Column 3.A.
- Monitored Outfall Name: List name(s) of outfall(s) you are required to monitor in Column 3.A.
- 3.B. Substantially Identical Outfalls: List name(s) of outfall(s) substantially identical to "Monitored Outfall" in Column 3.A. (if applicable)].
- 3.C No Discharge: Check box if you are reporting "No Discharge" for the monitored outfall for the reporting period identified in Section C.1.

Administrative Order on Consent
AES Puerto Rico Coal Fired Power Plant
Docket Number CWA-02-2015-3102
NPDES Tracking Number PRU020663

Attachment 3

Administrative Order on Consent Docket Number CWA-02-2015-3102

Compliance with AOC Section VII, ¶66

Required Reporting for Q2 2014 under Section B-12 of our MSGP

Industrial Discharge Monitoring Report (MDMR)

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Form Approved.

2 EL	Washington, DC 20460 MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)	OMB No. 2040-0004				
Reason(s) for Su	bmission (Check all that apply):					
Reporting no Reporting that	Submitting monitoring data (Fill in all Sections). Reporting no discharge for all outfalls for this monitoring period (Fill in Sections A, B, C.1, D, and F). Reporting that your site status has changed to inactive and unstaffed (Fill in Sections A, B, F and include date of status change in comment field in Section E.4). Reporting that your site status has changed to active (Fill in all Sections and include date of status change in comment field in Section E.4). Reporting that no further pollutant reductions are achievable for all outffalls and for all pollutants via Part 6.2.1.2 of the MSGP (Fill in Sections A, B and F).					
A. Permit Tracki	ng Number: PRR05BL65 Note: Read instructions before c	completing this Form				
B. Facility Inform	Total Modern Control of the Control	omproug one i c				
1. Facility Name:	ALEIS PUERTO RICO					
2. Facility Location						
a. Street:	PR-03 KM 142.0 BO.JOBOS					
b. City:	GUAYAMA	85-				
3. Additional Faci	lity Information (Optional):					
Contact Name:	MANUEL MATA					
Phone:	787 - 866 - 81117 Ext 2219					
	er (Complete if MDMR was prepared by someone other than the person signing the certification in Section F)					
Prepared by:	HECTOR M AMILA					
Organization:	ALEIS PUERTO RUCO					
Email:	hector avita pales com					
Phone:	787-866-8117 Ext. 2266					
C. Discharge Info	ermetion					
1. Identify monitor	ing period: Check here if proposing elternative monitoring periods due to irregular stormwater runoff, identify eltern schedule and indicate for which alternative monitoring period you are reporting monitoring data:	ative monitoring				
Quarter 1 (A	pril 1 – June 30)					
Quarter 2 (Ju	lly 1 ~ September 30)					
Quarter 3 (O	ctober 1 – December 31)					
Quarter 4 (Ja	inuary 1 - March 31)					
2. Are you required to monitor for cadmium, copper, chromium, lead, nickel, silver, or zinc? Yes (Complete line item 2 a) No (Skip to Section D)						
2a. What is the hardness level of the receiving water? 6 8 0 0 mg/L						
D. Outfall Inform						
1. How many out	all(s) are identified in your SWPPP? 03 List name of outfall(s) required to be monitored in table below.					
2. Do any of your outfelts discharge substantially identical effluents? YES V NO						
2.a. If yes, for eac	h monitored outfall, indicate outfall names that are substantially identical in table below					
3.A. Monitored Ou	tfall Name* 3 B Substantially Identical Outfalls [List name(s) of outfall(s) substantially identical to outfall in 3 A (if applicable)]	3.C. No Discharge?				
*Reference attach	ment if additional space needed to complete the table					

SEPA

United States Environmental Protection Agency Washington, DC 20460 MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)

Form Approved, OMB No. 2040-0004

DC 20460

Form Approved. Ol MONITORING REPORT (MDMR)

E. Monitoring Information	ntion					Note: Mak	Note: Make additional conies of this form as necessary	form as nacesoan
I. Permit Tracking Number:	nber: PRROSBL65	65						
2. Nature of Discharge:	Nature of Discharge: 🗾 Rainfall (Complete line items 2.a., 2.b., & 2.c.)	items 2.a., 2.b., & 2.c.) Snowmelt	**					
2.a. Duration of the rainfall event (hours):	nfall event (hours): 0 1	2.b. Rainfall amount (inches): 000. 4	00	2.c. Time s	nce previous measurable	2.c. Time since previous measurable storm event (days): 0006	9 0	
3.a. Outfall Name	3.b. Monitoring Type (QBM, ELG, S/T, I, O)*	3.c. Parameter	3.d. Quality or Concentration	3.e. Units	3.f. Results Description	3.g. Collection Date	3.h. Exceedance due to natural background pollutant levels	3.i. No further pollutant reductions achievable?
202	QMB	Aluminum	1.63	mg/L		04/02/14		
202	QMB	Iron	1.52	mg/L		04/02/14		
202	QMB	Lead	0.010	mg/L		04/02/14		0
202	QMB	Zinc	0.014	mg/L		04/02/14		
104	QMB	Aluminum	7.20	mg/L		04/02/14		0
904	QMB	Iron	7.25	mg/L		04/02/14		
904	OMB	Lead	0.026	mg/L		04/02/14		
904	QMB	Zinc	0.439	mg/L		04/02/14		
		THE THE THE CONTRACT OF THE						
								_
(QBM) - Quarterly ber	ichmark monitoring; (ELG) - ,	(QBM) - Quarterly benchmark monitoring; (ELG) - Annual effluent limitations guidelines monitoring; (S/T) - State- or Tribal-specific monitoring; (I) - Impaired waters monitoring; (O) -Other monitoring as required by EPA	onitoring; (S/T) - Sta	ste- or Tribal-	specific monitoring; (I) - Ir	npaired waters monitoring;	(O) -Other monitoring as requ	ired by EPA
. Comment and/or Ext	Nanation of Any Violations (R	Comment and/or Explanation of Any Violations (Reference all attachments here)						
. Certification							and well described to the suppression of the second second second second second second second second second se	
Hector M. Avila		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, fure, accurate, and complete. I am aware	at this document and all attachments were prepared ion in accordance with a system designed to assure by gathered and evaluated the information submitted son or persons who manage the system, or those repetations the information, the information submittee is and belief, true, accurate, and complete. I am away	trachments we retem designed the information ge the system the information and complet.	are prepared at to assure on submitted. It or those ion submitted as a fam aware e. I am aware	da		3/17/200
Typed or Printed Name Officer or A	Typed or Printed Name/Title of Principal Executive Officer or Authorized Agent	that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	submitting false infork r knowing violations	ormation, incl	L	Signature of Principal Executive Officer or Authorized Agent	Officer or Authorized Agent	Date
mail of Principal Execu	mail of Principal Executive Officer or Authorized Agent:	helctor.a	villa@aes.	. C O m				

Instructions for Completing the MSGP Industrial Discharge Monitoring Report (MDMR)

Who Must Submit A Discharge Monitoring Report to EPA?

Facilities covered under the Multi-Sector General Permit (MSGP or permit) that are required to monitor pursuant to Parts 6.2, 6.3, and 8 of the permit must submit the MSGP Discharge Monitoring Report (MDMR) consistent with the reporting requirements specified in Part 7.1 of the permit

Where to File the MDMR Form

Monitoring data collected pursuant to Parts 6 2, 6.3, and 8 of the permit must be submitted electronically via EPA's Electronic Notice of Intent System (eNOI), which can be found at www.epa.gov/npdes/enoi. Fiting electronically will allow permitte easily submit the results of monitoring data to EPA. If you cannot access eNOI, monitoring results must be reported on the paper MDMR form and sent to one of the following addresses:

Via U.S. mail:

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U.S. Environmental Protection Agency Office of Water, Water Permits Division Mail Code 4203M, ATTN: MSGP Reports 1200 Pennsylvania Avenue, NW Washington, D.C. 20460

Via Overnight/Express Delivery:

U.S. Environmental Protection Agency Office of Water, Water Permits Division Room 7420, ATTN: MSGP Reports 1201 Constitution Avenue, NW Washington, D.C. 20004 Phone number: 202-564-9545

Completing the MDMR Form

To complete this form, type or print in uppercase letters in the appropriate areas only. Be sure that you complete all applicable questions. Photocopy your MDMR form for your records before you send the completed original form to the appropriate address above. Use ink when you sign and mail the original document - EPA will not accept photocopies. You may also use this paper form as a checklist for the information you will need when submitting a MDMR electronically via EPA's eNOI

Reasons for Submission

Indicate your reason(s) for submitting this MDMR by checking all boxes that apply The reasons for submission are defined as follows:

- Submitting monitoring data: For each storm sampled, submit one MDMR form with data for all outfalls sampled. Select this reason even if you only have monitoring data for some of your outfalls (i.e., some outfalls did not discharge). If you select this reason you are required to complete all Sections of the form.
- Reporting no discharge for all outfalls for this monitoring period: Indicates that there were no discharges from all outfalls during this monitoring period. If you select this reason you are only required to complete Sections A. B. C.1. D. and F.
- Reporting that your site status has changed to inactive and unstaffed: Indicates that your facility is currently inactive and unstaffed (See Part 6.2.1.3 of the permit for more information). If you select this reason you are only required to complete Sections A, B, and F and include date of status change in the comment field in Section E.4.
- Reporting that you site status has changed from inactive to active indicates that your facility is currently active (See Part 6 2 1 3 of the permit for more information). If you select this reason you are required to complete all Sections of the form and include date of status change in the comment field in Section E.4.
- Reporting that no further reductions are achievable for all outfells and for all pollutants via Part 6.2.1.2 of the permit. Indicates that your facility has determined that no further pollutant reductions are technologically and economically practicable in light of best industry practice to meet the technology-based effluent limits or are necessary to meet the waterquality-based effluent limitations in Parts 2 of the permit (See Part 6.2 1 2 of the permit for more information). If you select this reason you are required to complete Sections A, B and F. However, if you can make this finding for some outfalls and pollutants, but not for others, you cannot select this reason; you will instead be able to identify which outfalls and which pollutants you can make this finding for in Section E

Section A. Permit Tracking Number

Enter the National Pollutant Discharge Elimination System (NPDES) tracking number assigned by EPA's Stormwater Notice Processing Center to the facility. If you do not know the tracking number, you can find the tracking number assigned to your facility on EPA's Notice of Intent (NOI) Search website (www epa gov/npdes/noisearch)

Section B. Facility Information

Enter the facility's official or legal name. Unless the name of your facility has changed, please use the same name provided on your NOI. You can use EPA's NO! Search website (www epa gov/npdes/noisearch) to view your NO!.

2 a-d Enter the street address, including city, state, and zip code of the actual physical location of the facility. Do not use a P.O. Box.

(Optional) Identify the name, telephone number, and email address of the person who will serve as a contact for EPA on issues related to monitoring at your facility. This person should be able to answer questions related to stormwater discharges and monitoring or have immediate access to indiviwith that knowledge. This person does not have to be the facility operator, but should have intimate knowledge of monitoring activities at the facility.

If the form was prepared by someone other than the person who is signing the certification statement in Section F (for example, if the MDMR was prepared by a member of the facility's stormwater pollution prevention team or a consultant for the certifier's signature), include the name, organization, phone number and email address of the MDMR preparer.

Section C. Discharge Information

- Indicate the appropriate monitoring period (Quarter 1, 2, 3, or 4) covered by the MDMR. "Alternative" monitoring periods can apply to familities located in and and semi-and climates, or in areas subject to snow or prolonged freezing. To use alternative monitoring periods, you must provide a revised monitoring schedule here in the first monitoring report submitted and indicate for which alternative monitoring period you are reporting monitoring data. If using alternative monitoring periods, identify the first day of the monitoring period through the last day of the monitoring period for each of the four periods. The dates should be displayed as month (Mo) / day (Day). See Parts 6.1 6 and 6.1.7 of the permit for more information
- If you are submitting benchmark monitoring data, identify if your facility is required to collect benchmark samples for one or more hardness-dependent metals (i.e., cadmium, copper, lead, nickel, silver, and zinc). If you select "yes" to this question you must also complete Question 2.a. and if you select "no" to this question you may skip to Section D.
- 2.a If you selected "yes" for Question 2 under Section C, then you are required to submit to EPA with your first benchmark report a hardness level, established consistent with the procedures in Appendix J of the permit, which is representative of your receiving water. If your outfalls discharge to more than one receiving water, as reported in your NOI form, you should report hardness for the receiving water with the lowest hardness values. Hardness values must be reported in milligrams per liter (mg/L).

Section D. Outfall Information

- Enter the total number of outfalls identified in your stormwater pollution prevention plan (SWPPP). Outfalls are locations where stormwater exits the facility, including pipes, ditches, swales, and other structures used to remove stormwater from the facility.
- Indicate if your facility has two or more outfalls that you believe discharge substantially identical effluents (i.e., stormwater), based on the similarities of the general industrial activities and control measures, exposed materials that may significantly contribute pollutants to stormwater, and runoff coefficients of their drainage areas. See Parts 5.1.5.2 and 6.1.1 of the permit for more information on substantially identical outfalls.
- 2 a If you selected "yes" for Question 2 under Section D, then you must list the outfall name(s) in Column 3.B. that you expect to be substantially identical to the corresponding outfall in Column 3.A.
- 3 A. Monitored Outfall Name: List name(s) of outfall(s) you are required to monitor in Column 3 A.
- 3.B Substantially Identical Outfalls: List name(s) of outfall(s) substantially identical to *Monitored Outfall in Column 3.A. (if applicable)].
- 3 C No Discharge Check box if you are reporting "No Discharge" for the monitored outfall for the reporting period identified in Section C.1.

Evamole

3.A Monitored Outfall	3.B. Substantially Identical Outfall	3.C. No
Name	,	Discharge
Outfall A	Outfail B; Outfall C	
Outfall D		×

Reference attachment if additional space is needed to complete the Table Section D.

Section E. Monitoring Information

- Enter the NPDES tracking number assigned by EPA's Stormwater Notice Processing Center to the facility reported in Section A.
- For the reported monitoring event indicate whether the discharge was from a rainfall or snowmelt event. If you select "rainfall" then indicate the duration (in hours) of the rainfall event, rainfall total (in inches) for that rainfall event, and time (in days) since the previous measurable storm event in line items 2.a-c. For both rainfall and snowmelt monitoring, you must identify the date of collection for the monitoring event in column 3.g. of the table. If the discharge occurs during a period of both rainfall and snowmelt, check both the rainfall and snowmelt boxes and report the appropriate rainfall information in item 2.a-c. To report multiple monitoring events in the same reporting period, copy Page 2 of this Form and enter each monitoring event separately with data for all outfalls sampled.

For each pollutant monitored at an outfall, you must complete one row in the Table as follows:

- 3.a. Outfall Name: Provide the outfall name for which you monitored (e.g., Outfall 1, Outfall 2, Outfall 3).
- 3.b. Monitoring Type: Provide the type of monitoring using the specified codes, in parentheses, below:
 - . (QBM) Quarterly benchmark monitoring
 - · (ELG) Annual effluent limitations guidelines monitoring;
 - . (S/T) State- or Tribal-specific monitoring;
 - · (I) Impaired waters monitoring; or
 - (O) Other monitoring as required by EPA.
- 3.c. Parameter(s): Enter each "Parameter" (or "pollutant") monitored. For QBM and ELG monitoring, use the same parameter name as in Part 8 of the permit.
- 3.d. Quality or Concentration: Enter sample measurement value for each parameter analyzed and required to be reported. Enter "ND" (i.e., not detected) for any sample results below the method detection limit or "BQL" (i.e., below quantitation limit) for sample results above the detection limit but below the
- 3.e. Units: Enter the units for sample measurement values (i.e., "mg/L" for milligrams per liter) for each parameter analyzed and required to be reported. For monitoring results reported as ND or BQL this space will be left blank and the units will be reported in Column 3.f
- 3.f. Results Description: This section must be completed for any monitoring results reported as ND or BQL in the "Quality or Concentration" column. For ND, report the laboratory detection level and units in this column. For BQL, report the laboratory quantitation limit and units in this column.
- 3.g. Collection Date: Identify the sampling date for each parameter monitoring result reported on this form.
- Exceedance due to natural background pollutant levels: Check box if following the first 4 quarters of benchmark monitoring (or sooner if the exceedance is triggered by less than 4 quarters of data) you have determined that the exceedance of the benchmark is attributable solely to the presence of that pollutant in the natural background for that outfall and any substantially identical outfalls. See Part 6.2.4.2 of the permit for more information. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.
- 3.i. No further pollutant reductions achievable: Check box if after collection of 4 quarterly samples (or sooner if the exceedance is triggered by less than 4 quarters of data), the average of the 4 monitoring values for any parameter exceeds the benchmark and you have made the determination that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice to meet the technology-based

- effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1. of the permit for more information) for that outfall and any substantially identical outfalls. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.
- Where violations of the permit requirements are reported, include a brief explanation to describe the cause and corrective actions taken, and reference each violation by date. Also, this section should include any additional comments such as are required when changing site status from inactive and unstaffed to active or vice versa. Attach additional pages if you need more SDace.

Attach additional copies of Section E as necessary to address all outfalls and

Section F. Certification

Enter "Name/Title of Principal Executive Officer or Authorized Agent" with "Signature of Principal Executive Officer or Authorized Agent," "Date" form was signed and email of the "Principal Executive Officer or Authorized Agent." If you submit multiple pages of Section E monitoring data, each page must be appropriately signed and certified as described below.

Certification statement and signature (see Section B.11 in Appendix B of the permit for more information). Federal statutes provide for severe penalties for submitting false information on this reporting form. Federal regulations require this form to be signed by one of the following individuals, or a duly authorized representative of that person, as follows:

For a corporation: by a responsible corporate officer, which means:

- (i) president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation, or
- (ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

For a partnership or sole proprietorship: by a general partner or the proprietor; or For a municipal, State, Federal, or other public facility: by either a principal executive or ranking elected official.

Paperwork Reduction Act Notice
Public reporting burden for this certification is estimated to average 7.25 hours per response plus an additional 2 hours for respondents required to gather hardness data, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments regarding the burden estimate, any other aspect of the collection of information, or suggestions for improving this form, including any suggestions which may increase or reduce this burden to: Director, Office of Environmental Information Services, Collection Services Division (2823), USEPA, 1200 Pennsylvania Avenue, NW, Washington, DC 20460. Include the OMB control number of this form on any correspondence. Do not send the completed MDMR form to this address

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United States Environmental Protection Agency

Form Approved.

VEI	Washington, DC 20460 MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)	OMB No. 2040-0004		
Reason(s) for Submission (Check all that apply):				
Submitting monitoring data (Fill in all Sections). Reporting no discharge for all outfells for this monitoring period (Fill in Sections A, B, C.1, D, and F). Reporting that your site status has changed to inactive and unstaffed (Fill in Sections A, B, F and include date of status change in comment field in Section E.4). Reporting that your site status has changed to active (Fil in all Sections and include date of status change in comment field in Section E.4). Reporting that your site status has changed to active (Fil in all Sections and include date of status change in comment field in Section E.4). Reporting that no further pollutant reductions are achievable for all outfiels and for all pollutants via Part 6.2.1.2 of the MSGP (Fill in Sections A, B and F).				
A. Permit Tracking Number: PRR05BL65 Note: Read instructions before completing this Form.				
B. Facility Information				
1. Facility Name:	ALES PUERTO RICO			
2. Facility Location:				
a. Street:	PR-03 KM 142.0 BO.JOBOS			
b. City:		0 0 7 8 5 -		
3. Additional Facility Information (Optional):				
Contact Name:	MANUEL MATA	s.com		
Phone: 7 8 7 - 8 6 6 - 8 1 1 7 Ext. 2 2 1 9 4. MDMR Preparer (Complete if MDMR was greated by someone other than the person signing the certification in Section F)				
Prepared by:	rer (Complete if MDMF) was prepared by someone other than the person signing the certification in Section F)			
Organization:	Aleisi ipiuleiritoi iriucioi			
Email:	In le lc It lo Ir I. la Iv I I I I I I I I I I I I I I I I I I			
Phone:	7 8 7 - 8 6 6 - 8 1 1 7 Ext. 2 2 6 6			
C. Discharge Inf				
1. Identify manifestate periods are in check here if proposing atternative monitoring periods due to irregular stormwater runoff. Identify atternative monitoring				
Quarter 1 (April 1 – June 30) Quarter 1: From /				
Quarter 2 (July 1 - September 30)				
Quarter 3 (October 1 – December 31)				
Quarter 4 (January 1 – March 31)				
2. Are you required to monitor for cadmium, copper, chromium, lead, nickel, silver, or zinc? 🗹 Yes (Complete line stem 2 a) 🔲 No (Skip to Section D)				
2a. What is the hardness level of the receiving water? 6800 mg/L				
D. Outfall Information				
1. How many outfall(s) are identified in your SWPPP? 03 List name of outfall(s) required to be monitored in table below.				
2. Do any of your outfails discharge substantially identical effluents? 🔲 YES 📈 NO				
2.a. if yes, for each monitored outfall, indicate outfall names that are substantially identical in table below.				
3.A. Monitored Ou	utfall Name* 3.B. Substantially Identical Outfalls (List name(s) of outfall(s) substantially identical to outfall in 3 A (if applicable)]	3.C. No Discharge?		
*Reference attachment if priditional space paeded to complete the table				

& EPA	_	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460 MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (ED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460 ISTRIAL DISCHARGE MONITORING REPORT (MDMR)	ECTION AGE	ENCY RT (MDMR)	Form Approv	Form Approved. OMB No. 2040-0004	
E. Monitoring information	hon		in-frajencessivities are proposed in the contract of the contr			Note: Mak	Note: Make additional copies of this form as necessary.	form as necessary.
1 Permit Tracking Number	ber PRROSBL65	65						
2. Nature of Discharge	2. Nature of Discharge 📝 Ramfall (Complete line items 2 a 2 b	tems 2 a 2 b & 2 c) Snowmell	~					
2.a. Dumbon of the rainfell event (hours)	fell event (hours) 0 1	2 b Reinfall amo	4	2c Times	unce previous measura	2 c Time since previous measurable storm event (days) 0006	9	
3 a. Outfall Name	3 b Montoring Type (QBM ELG S/T I O)*	3 c Parameter	3 d Quality or Concentration	3 e. Units	3 f Results Description	n 3g Collection Date	3 h Exceedance due to natural background pollutant levels	3 · No further pollutant reductions achievable?
003	OMB	Aluminum	900.0	mg/L		04/09/14		0
003	OMB	Iron	0.023	mg/L		04/09/14		0
003	CMB	Lead	0.010	mg/L		04/09/14	0	0
6003	QMB	Zinc	0.057	mg/L		04/09/14		0
				2				
								0
							0	0
							0	0
							0	0
							0	0
								0
· (QBM) Quarterly bend	chmark monitoring (ELG) - A	Quarterly benchmark montoring (ELG) - Annual effluent limitations guidelines montoning (S/T) - State- or Tribal-specific monitoring; (I) - Impeired waters monitoring; (D) -Other monitoring as required by EPA	onitonng (S/T) - Sta	nte- or Tribal	-specific monitoring; (I)	- Impaired waters monitoring; (O) -Other monitoring as requ	lined by EPA
4. Comment and/or Expl	lanation of Any Violetions (Ri	4. Comment and/or Explanston of Any Violations (Reference all attachments here)						
F. Certification								
Hector M. Avila		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that quelified personnel property gathered and evaluated the information submitted Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, frue, accurate, and complete. I am awairs	halfy of law that this document and all attachments were prepared n or supervision in accordance with a system designed to assure come property gathered and evaluated the information submitted into othe person or persons who manage the system, or those supportsible for gathering the information, the information submittee supportsible for gathering the information, the information submittee in white supportsible in a securate, and complete. I am awas and complete.	techments was the information of the information of the system of the information of the	vere prepared ned to assure in a saure in a saure in or those than submitted the 1 am aware	The state of the s		Seperti
Typed or Printed Name. Officer or Au	Typed or Printed Name/Title of Principal Executive Officer or Authorized Agent	that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	submitting faise info or knowing violations	ormetion, inc		Signature of Principal Executive Officer or Authorized Agent	Officer or Authorized Agent	Date
Email of Principal Execut	Email of Principal Executive Officer or Authorized Agent:	hector avi	la@aes	с о ш				Autoritation and interest designation of the contract of the c

Instructions for Completing the MSGP industrial Discharge Monitoring Report (MDMR)

Who Must Submit A Discharge Monitoring Report to EPA?

Facilities covered under the Multi-Sector General Permit (MSGP or permit) that are required to monitor pursuant to Parts 6 2, 6 3, and 8 of the permit must submit the MSGP Discharge Monitoring Report (MDMR) consistent with the reporting requirements specified in Part 7.1 of the permit

Where to File the MDMR Form

Monitoring data collected pursuant to Parts 6.2, 6.3, and 8 of the permit must be submitted electronically via EPA's Electronic Notice of Intent System (eNOI), which can be found at www.epa.gov/npdes/enoi. Filing electronically will allow permittees to easily submit the results of monitoring data to EPA. If you cannot access eNOI, monitoring results must be reported on the paper MDMR form and sent to one of the following addresses:

Via U.S. mail

U.S. Environmental Protection Agency Office of Water, Water Permits Division Mail Code 4203M, ATTN: MSGP Reports 1200 Pennsylvania Avenue, NW Washington, D.C. 20460

Via Overnight/Express Delivery U.S. Environmental Protection Agency Office of Water, Water Permits Division Room 7420, ATTN: MSGP Reports 1201 Constitution Avenue, NW Washington D.C. 20004

Phone number: 202-564-9545

Completing the MDMR Form

To complete this form, type or print in uppercase letters in the appropriate areas only. Be sure that you complete all applicable questions. Photocopy your MDMR form for your records before you send the completed original form to the appropriate address above. Use ink when you sign and mail the original document - EPA will not accept photocopies. You may also use this paper form as a checktist for the information you will need when submitting a MDMR electronically via EPA's eNO

Reasons for Submission

Indicate your reason(s) for submitting this MDMR by checking all boxes that apply. The reasons for submission are defined as follows:

- Submitting monitoring data: For each storm sampled, submit one MDMR form with data for all outlats sampled. Select this reason even if you only have monitoring data for some of your outfalls (i.e., some outfalls did not discharge). If you select this reason you are required to complete all Sections of the form.
- Reporting no discharge for all outfalls for this monitoring period Indicates that there were no discharges from all outfalls during this monitoring period If you select this reason you are only required to complete Sections A. B. C.1 D. and F.
- Reporting that your site status has changed to inactive and unstaffed Indicates that your facility is currently inactive and unstaffed (See Part 6.2.1.3 of the permit for more information) If you select this reason you are only required to complete Sections A, B, and F and include date of status change in the comment field in Section E.4
- Reporting that you site status has changed from inactive to active Indicates that your facility is currently active (See Part 6.2.1.3 of the permit for more information). If you select this reason you are required to complete all Sections of the form and include date of status change in the comment field in Section E.4.
- Reporting that no further reductions are achievable for all outfalls and for all pollutants via Part 6.2.1.2 of the permit. Indicates that your facility has determined that no further pollutant reductions are technologically and economically practicable in light of best industry practice to meet the technology-based effluent limits or are necessary to meet the waterquality-based effluent limitations in Parts 2 of the permit (See Part 6 2 1.2 of the permit for more information). If you select this reason you are required to complete Sections A, B and F. However, if you can make this finding for some outfalls and pollutants, but not for others, you cannot select this reason, you will instead be able to identify which outfalls and which pollutants you can make this finding for in Section E

Section A. Permit Tracking Number Enter the National Pollutant Discharge Elimination System (NPDES) tracking number assigned by EPA's Stormwater Notice Processing Center to the facility. If you do not know the tracking number, you can find the tracking number assigned to your facility on EPA's Notice of Intent (NOI) Search website (www epa gov/npdes/noisearch)

Section B. Facility Information

- Enter the facility's official or legal name. Unless the name of your facility has changed, please use the same name provided on your NOI. You can use EPA's NOI Search website (www epa gov/npdes/ngisearch) to view your NOI.
- 2 a-d Enter the street address, including city, state, and zip code of the actual physical location of the facility. Do not use a P.O. Box.
- (Optional) identify the name, telephone number, and email address of the person who will serve as a contact for EPA on issues related to monitoring at your facility. This person should be able to answer questions related to stormwater discharges and monitoring or have immediate access to individuals with that knowledge. This person does not have to be the facility operator, but should have intimate knowledge of monitoring activities at the facility
- If the form was prepared by someone other than the person who is signing the certification statement in Section F (for example, if the MDMR was prepared by a member of the facility's stormwater pollution prevention team or a consultant for the certifier's signature), include the name, organization, phone number and email address of the MDMR preparer.

Section C. Discharge Information

- indicate the appropriate monitoring period (Quarter 1, 2, 3, or 4) covered by the MDMR. "Alternative" monitoring periods can apply to facilities located in arid and semi-and climates, or in areas subject to snow or prolonged freezing. To use alternative monitoring periods, you must provide a revised monitoring schedule here in the first monitoring report submitted and indicate for which alternative monitoring period you are reporting monitoring data. If using alternative monitoring periods, identify the first day of the monitoring period through the last day of the monitoring period for each of the four periods. The dates should be displayed as month (Mo) / day (Day). See Parts 6.1.6 and 6.1.7 of the permit for more information.
- If you are submitting benchmark monitoring data, identify if your facility is required to collect benchmark samples for one or more hardness-dependent metals (i.e., cadmium, copper, lead, nickel, silver, and zinc). If you select "yes" to this question you must also complete Question 2.a. and if you select "no" to this question you may skip to Section D.
- 2.a. If you selected "yes" for Question 2 under Section C, then you are required to submit to EPA with your first benchmark report a hardness level, established consistent with the procedures in Appendix J of the permit, which is representative of your receiving water. If your outfalls discharge to more than one receiving water, as reported in your NOI form, you should report hardness for the receiving water with the lowest hardness values. Hardness values must be reported in milligrams per liter (mg/L).

Section D. Outfall Information

- Enter the total number of outfalls identified in your stormwater pollution prevention plan (SWPPP). Outfalls are locations where stormwater exits the facility, including pipes, ditches, swales, and other structures used to remove stormwater from the facility.
- Indicate if your facility has two or more outfalls that you believe discharge substantially identical effluents (i.e., stormwater), based on the similarities of the general industrial activities and control measures, exposed materials that may significantly contribute pollutants to stormwater, and runoff coefficients of their drainage areas. See Parts 5.1.5.2 and 6.1.1 of the permit for more information on substantially identical outfalls.
- 2.a. If you selected "yes" for Question 2 under Section D, then you must list the outfall name(s) in Column 3.B. that you expect to be substantially identical to the corresponding outfall in Column 3.A.
- 3 A. Monitored Outfall Name: List name(s) of outfall(s) you are required to monitor in Column 3 A
- 3 B Substantially Identical Outfalls: List name(s) of outfall(s) substantially identical to "Monitored Outfall" in Column 3.A. (if applicable)].
- 3 C No Discharge Check box if you are reporting "No Discharge" for the monitored outfall for the reporting period identified in Section C.1

Example:

, .

Literapio.		
3.A Monitored Outfail	3.B. Substantially Identical Outfall	3.C. No
Name		Discharge
Outfall A	Outfall B; Outfall C	
Outfall D		×

Reference attachment if additional space is needed to complete the Table Section D

Section E. Monitoring Information

- Enter the NPDES tracking number assigned by EPA's Stormwater Notice Processing Center to the facility reported in Section A.
- 2. For the reported monitoring event indicate whether the discharge was from a rainfall or snowmelt event. If you select "rainfall" then indicate the duration (in hours) of the rainfall event, rainfall total (in inches) for that rainfall event, and time (in days) since the previous measurable storm event in line items 2.a-c. For both rainfall and snowmelt monitoring, you must identify the date of collection for the monitoring event in column 3.g. of the table. If the discharge occurs during a period of both rainfall and snowmelt, check both the rainfall and snowmelt boxes and report the appropriate rainfall information in item 2.a-c. To report multiple monitoring events in the same reporting period, copy Page 2 of this Form and enter each monitoring event separately with data for all outfalls sampled.

For each pollutant monitored at an outfall, you must complete one row in the Table as follows:

- Outfall Name: Provide the outfall name for which you monitored (e.g., Outfall 1, Outfall 2, Outfall 3).
- 3.b. Manitoring Type: Provide the type of manitoring using the specified codes in parentheses, below:
 - (QBM) Quarterly benchmark monitoring
 - · (ELG) Annual effluent limitations guidelines monitoring;
 - (S/T) State- or Tribal-specific monitoring;
 - . (I) Impaired waters monitoring; or
 - . (O) Other monitoring as required by EPA.
- Parameter(s): Enter each "Parameter" (or "potiutant") monitored. For QBM and ELG monitoring, use the same parameter name as in Part 8 of the permit
- 3.d. Quality or Concentration: Enter sample measurement value for each parameter analyzed and required to be reported. Enter "ND" (i.e., not detected) for any sample results below the method detection limit or "BQL" (i.e., below quantitation limit) for sample results above the detection limit but below the quantitation limit.
- 3.e. Units: Enter the units for sample measurement values (i.e., "mg/L" for milligrams per liter) for each parameter analyzed and required to be reported. For monitoring results reported as ND or BQL this space will be left blank and the units will be reported in Column 3.f.
- 3.f. Results Description: This section must be completed for any monitoring results reported as ND or BCL in the "Quality or Concentration" column. For ND, report the laboratory detection level and units in this column. For BOL, report the laboratory quantitation limit and units in this column.
- Collection Date: Identify the sampling date for each parameter monitoring result reported on this form.
- 3.h. Exceedance due to natural background pollutant levels: Check box if following the first 4 quarters of benchmark monitoring (or sooner if the exceedance is triggered by less than 4 quarters of data) you have determined that the exceedance of the benchmark is attributable solely to the presence of that pollutant in the natural background for that outfall and any substantially identical outfalls. See Part 6.2.4.2 of the permit for more information. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E 4.
- 3.i. No further pollutant reductions achievable: Check box if after collection of 4 quarterly samples (or sooner if the exceedance is triggered by less than 4 quarters of data), the average of the 4 monitoring values for any parameter exceeds the benchmark and you have made the determination that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice to meet the technology-based

- effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1. of the permit for more information) for that outfall and any substantially identical outfalls. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.
- 4. Where violations of the permit requirements are reported, include a brief explanation to describe the cause and corrective actions taken, and reference each violation by date. Also, this section should include any additional comments such as are required when changing site status from inactive and unstaffed to active or vice versa. Attach additional pages if you need more space.

Attach additional copies of Section E as necessary to address all outfalls and parameters.

Section F. Certification

Enter "Name/Title of Principal Executive Officer or Authorized Agent" with
"Signature of Principal Executive Officer or Authorized Agent," "Date" form was signed
and email of the "Principal Executive Officer or Authorized Agent." If you submit
multiple pages of Section E monitoring data, each page must be appropriately signed
and certified as described below

Certification statement and signature (see Section B.11 in Appendix B of the permit for more information). Federal statutes provide for severe penalties for submitting false information on this reporting form. Federal regulations require this form to be signed by one of the following individuals, or a duty authorized representative of that person, as follows:

For a corporation: by a responsible corporate officer, which means:

- (i) president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation, or
- (ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

For a partnership or sole proprietorship: by a general partner or the proprietor; or For a municipal, State, Federal, or other public facility: by either a principal executive or ranking elected official.

Paperwork Reduction Act Notice

Public reporting burden for this certification is estimated to average 7.25 hours per response plus an additional 2 hours for respondents required to gather hardness data, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments regarding the burden estimate, any other aspect of the collection of information, or suggestions for improving this form, including any suggestions which may increase or reduce this burden to: Director, Office of Environmental Information Services, Collection Services Division (2823), USEPA, 1200 Pennsylvania Avenue, NW, Washington, DC 20460. Include the OMB control number of this form on any correspondence. Do not send the completed MDMR form to this address





ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: April 11, 2014

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1401355 SAMPLE COLLECTED BY: Client

DATE RECEIVED: 04/04/14

SAMPLE DATE: 04/02/14 TIME: 15:17

DESCRIPTION: 004

LAB. FILE ID: 1401355

	The second second second				AIRIA: VVBIEF		
PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1401355	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Hardness, Total Aluminum Iron Lead Zinc	SM 2340 C* 200.7(ICAP) 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab Grab	mg/L mg/L mg/L mg/L mg/L	132 7.20 7.25 0.026 0.439	3.50 0.010 0.010 0.001 0.001	HM BTR BTR BTR BTR	04/07/14 04/09/14 04/09/14 04/09/14 04/09/14

^{*}Standard Methods for the Examination of Water and Waste Water, 19" Edition, 1995.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample sample submitted.

Loda. Iris M. Chévere Alfor **Laboratory Director** Chemist License 2370

Attachment Chain of Custody Records (1)

PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING • CERTIFICATION NUMBER E87556 • 192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

192 Villa Street • Ponce, P.R. 00730-4875 Tel. 787-841-7373 • Fax 787-841-7313 CHAIN OF CUSTODY RECORD

PROYECT NO.	COM	PANY /			SAMPLER / /
	1	AKS 1-	2	-	Chief
SAMPLE LOCATION	CLIENT ID	_	-11		TIME 1517 AM CONTROL NO.
			04 V		11/5·// PMII 4 = 4 = 4
SAMPLE DATE		11			BEL NO 1401255 173743
L		<u> 4 -</u>	2 -	19	BEL NO. 190/355
				This make the first owner.	Compliantia
1. General Environments	ad: PC	: VSS		PC	SamplingWitness;
Acidity () _	Alkalımty	()		Date/Time:
Ammonia as N ()	Bicarbonate	()		
BOD-5) _	Bromide	()		Relinquished by:
Chloride () _	_ Chlorine, Res.	()	-	11.20en
COD ()	Color (ADMI)	()	-	Date/Time! 4/14/14
Conductivity µmhos/cm () _	Color (Pt-Co)	()		
Dissolved Oxygen (.)	_ Cyanide	()	-	Received/by:
	4 13	Fluoride	()		Vita him / free
Moisture % (' —	logide	()		Date/Time: 4, 4 -14, 11:20 kg
Nitrite (Oil+Grease (? _	Nitrate	()	****	N) LA
Phenol (? —	Nitrate + Nitrite	()		Relinguished by:
Phosphorus, Total ()	pH, S.U.	()		1 to 1 then it
Sen Solids mg/L ((()		- All Aire
Sulfate () _	Sett. Solids mL/L	()		Date/Tiphe: 4-4-14 1:38 15
Sulfite ()	Solids, Total	()		Received by:
TDS ()	Sulfide	()	-	AL hall
Temperature, °C	, _	Surfactant	()		Cita may
TOC	} _	TSS TKN	()	-	Date/Time: 4/4/14 1:38 pm
Asbestos (· -	Turbidity	5 (-	Relinquished by:
TVS	} -	Carbonate	()		Reiniquished by.
Total Nitrogen (}	Carponete	()		
2. Metals:	′ -	•			Date/Time:
Aluminum (Al) (X	0 13	Cadmium (Cd) ()		
Chromium (Cr) ()	Cooper (Cu			Received by:
Iron (Fe) (X	i i	Lead (Pb		12	
Manganese (Mn) ()	Mercury (Hg		1,3	Date/Time:
Nickel (N1) ()	Selenium (Se)			
Silver (Ag) ()				Matrix "
Zinc (Zn)	} } =	Arsenic (As	()	Auto	
Banum (Ba) () '	Boron (B)	()		air () water () sludge ()
Antimony (Sb) ()	Beryllium (Be)	()		liquid () soil () solid ()
Bismuth (Bi) ()	Calcium (Ca)	()		oil () mixed () other ()
Chromium, VI (CrVI) ()	Cobalt (Co)		-	on () mixed () outer ()
Magnesium (Mg) (! —	Molybdenum (Mo) ()	*****	Specify:
Potassium (K) (Sodium (Na) (! —	Silicon (Si)	()		Specify:
Sodium (Na) (Thallium (TI) (! —	Strontium (Sr)	()	-	December C. J. BC
	· -	Titanium (Ti)	()		Preservative Codes = PC
**************************************	'	Lithium (Li)	()		
3. RCRA/Hazardous wast	**				1. Cool, <6° C 6. Sodium Hydroxide(NaOH)
Ignitability (Flash Pt.)()	Commission			, , , , , , , , , , , , , , , , , , , ,
B	; —	Corrosivity TCLP	()	-	2. Sulfuric Acid (H ₂ SO ₄) pH<2 7. Zinc Acetate
	; —	Organics-Pest/Herb	2 1		3. Nitric Acid (HNO ₃), pH<2 8. Ascorbic Acid
A 1 - 0111	; —	Organics-VOA	()		4. Hydrochloric acid (HCl) 9. FAS
	,	Organics 1 O/1	, ,		
					5. Sodium Thiosulfate 10.Other
4. Specific Organics		Phenois GC	()		Comula tura tara a ta
)	Semi-Volitiles (BN		***************************************	Sample type legend:
)	PCB's Only	()		grab samples x
) _	TPH 418.1	()		composite samples xx
)	TTO	()		
TTO & Dioxin ()	TPH 8015	()		Turnaround time: Sampling Equipment:
5 Minmbialo		Lindane	()		
5. Microbiology Fecal Coliform ()					l day () Automatic Sampler ()
Fecal Coliform ()	,	Total Coliform	()	-	, , ,
Comments:					3 days ()
					5 days ()
				-	
					Note: normal tumaround time is ten (10) working days,
				Ories	additional charges apply for rush orders.





ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: April 11, 2014

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1401356 SAMPLE COLLECTED BY: Client DATE RECEIVED: 04/04/14

. SAMPLE DATE: 04/02/14

DESCRIPTION: 002

TIME: 15:00

LAB. FILE ID: 1401356

			and the same of th	11	WILLIW: AASTRI		
PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1401356	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Hardness, Total Aluminum Iron Lead Zinc	SM 2340 C* 200.7(ICAP) 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab Grab	mg/L mg/L mg/L mg/L mg/L	136. 1.63 1.52 0.010 0.014	3.50 0.010 0.010 0.001 0.001	HM BTR BTR BTR BTR	04/07/14 04/09/14 04/09/14 04/09/14 04/09/14

^{*}Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the de Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample sample submitted.

Loda. Iris M. Chévere Alfor **Laboratory Director** Chemist License 2370

Attachment Chain of Custody Records

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PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING • CERTIFICATION NUMBER E87556 • 192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

192 Villa Street • Ponce, P.R. 00730-4875 Tel. 787-841-7373 • Fax 787-841-7313

CHAIN OF CUSTODY RECORD

PROYECT NO	COMPAN	ES Guman	~	SAMPLER
SAMPLE LOCATION/CLIEN	OI T	100	02	TIME 15:00 AM CONTROL NO.
SAMPLE DATE		4-2	- 14	
. General Environmental	PC	VSS		SamplingWitness;
regin. ()	7.	Alkalinity ()	PC	Date/Time:
Ammonia as N	Banasan	Bicarbonate ()		
10D-5	***********	Bromide ()	-	Relinquished by:
Chloride ()	-	Chlorine, Res ()	-	1000 4/4/14 11:20 a
() (00)		Color (ADMI)	****	
Conductivity jumbos/em ()		Calar (Pt-Co)		Date/Tirge:
Dissolved Oxygen ()		Cyanide ()		Received by:
fardness (X)	12	Fluoride ()		Verte him stems
Aoisture % ()		lodide ()		Date/Times 4/2 4 - 14/ 11:20 An
litrite () XII+Grease ()		Nitrate ()		
henol ()	*********	Nitrate + Nitrite ()		Relinghished by://
hosphorus, Total ()	-	pH, S.U. ()		Chate Chamil
ctt Solids mg/L.		Phosphate, Ortho () Sett. Solids mL/1, ()	_	Date/Time: 4-4-14 1:38 16
ulfate ()	-	Solids, Total	-	
ulfite ()	-	Sulfide ()		Received by:
DS ()		Surfactuni ()	-	a Ste Well
emperature, °C ()		TSS ()		Date/Time: U/U/14 1:38 cm
OC ()	-	TKN ()	-	Control of the Contro
sbestos ()	-	Turbidity ()		Relinquished by:
VS ()	-	Carbonate ()	-	
otal Nitrogen () Metals:				Date/Time:
luminum (Al) (C)	13	Cadmium (Cd) ()		
hromium (Cr) ()		Copper (Cu) ()		Received by:
on (Fe) (2)	43	Lead (Pb) (X)	江	
langanese (Mn) ()	June .	Mercury (lig) ()	10	Date/Time:
ickel (Ni) ()	辺 	Selenium (Se) ()		
ilver (Ag) ()	_	Tin (Sn) ()		Matrix
inc (Zn) (X)	1,3	Arsenic (As) ()		
arium (Ba) ()		Beron (B) ()		()
ntimony (Sb) ()	-	Beryllium (Be) ()	-	liquid () soil () solid ()
ismuth (Bi) () hromium, VI (CrVI) ()	-	Calcium (Ca) ()		oil () mixed () other ()
lagnesium (Mg) ()	_	Cobali (Co) () Molybdenum (Mo) ()		
otassium (K) ()	-	Silicon (Si) ()	_	Specify:
odium (Na) ()		Strontium (Sr) ()	+-minus	
hallium (Tl) ()		Titanium (Ti) ()		Preservative Codes = PC
anadium (V) ()		Lithium (Li) ()		
				1. Cool, <6°C 6. Sodium Hydroxide(NaOH)
RCRA/Hazardous wastes		Committee		
mitability (Flash Pt.)() eactivity (CN & S) ()		Corrosivity () TCLP ()	-	
CRA Metals ()		Organics-Pest/Herb ()	-	3. Nitric Acid (HNO ₃), pH<2 8. Ascorbic Acid
rganics-BNA ()		Organics-Pesoriero () Organics-VÓA ()		4. Hydrochloric acid (HCI) 9. FAS
OX ()	_		-	5. Sodium Thiosulfate 10.Other
Specific Organies		Phenois GC ()		Samula torra la consti
olatiles ()		Semi-Volniles (BNA) ()	-	Sample type legend:
esticides/PCB's ()		PCB's Only ()		grab samples x
lerbicides ()	-	TPH 418.1 ()		composite samples xx
TEX ()	-	TTO ()	*****	-
TQ & Dioxin ()		TPH 8015 ()	******	Turnaround time: Sampling Equipment:
. Microbiology		Lindane ()		14
ecal Coliform ()		Total Coliform ()		I day () Automatic Sampler ()
()	-	Total Coliform ()	_	2 days () Sample Pick Up ()
1				3 days ()
omments:				
				5 days ()
				Note: normal turnaround time is ten (10) working days;
			_	additional charges apply for rush orders.

Original





ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: April 29, 2014

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1401633

SAMPLE COLLECTED BY: Client (H. Ávila)

DATE RECEIVED: 04/16/14

SAMPLE DATE: 04/10/14 TIME: 7:20AM **DESCRIPTION: Stormwater 003A**

LAB. FILE ID: 1401633

MATRIX: Water

					MININ: WASSI		
PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1401633	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Hardness, Total Aluminum Iron Lead Zinc	SM 2340 C* 200.7(ICAP) 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab Grab	mg/L mg/L mg/L mg/L mg/L	1,200 0.068 0.023 0.010 0.057	3.50 0.010 0.010 0.001 0.001	HM BTR BTR BTR BTR BTR	04/23/14 04/24/14 04/24/14 04/24/14 04/24/14

[&]quot;Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero

Certification and release of the day (Certification and release of the day) Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample against leasted of the Certification and release of the day (Certification and release of the day (Certification and release of the day (Certification and release of the day) (Certification and release of the day (Certification and release of the day) (Certification and release of the day (Certification and release of the day) (Certification and Certification and Certi

Lcda. Iris M. Chévere Alfon. Laboratory Director Chemist License 2370

Attachment: Chain of Custody Records

PAGE 1 OF 1

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THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS.
REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES.
CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING
• CERTIFICATION NUMBER E87556 •

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BECKTON ENVIRONMENTAL LABORATORIES

• 192 Villa Street • Ponce, P.R 00730-4875 Tel. 787-841-7373 • Fax 787-841-7313

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY	AES Guayame		SAMPLER H. AVIA
SAMPLE LOCATION/CLIEN	TID	Sturm Water	00	3 Д TIME 7:20 (M) CONTROL NO. 175914
SAMPLE DATE		4/10/14		BEL NO. 140633
1. General Environmental:	PC	VSS	PC	SamplingWitness;
Acidity ()		Alkalinity ()		Date/Time:
Ammonia as N ()		Bicarbonate ()		Relinquished by:
BOD-5 ()		Brontide ()		1/16/2014 1:10 p.
Chloride ()		Chlorine, Res. ()	-	
COD ()		Color (ADMI) ()		Date/Time:
Conductivity µmhos/cm () Dissolved Oxygen ()	-	Color (Pt-Co) () Cyanide ()	-	Received by: 1 1 1 1
Flardness ()	13	Fluoride ()		Church What
Moisture % ()		lodide ()		D. Mr. William Mak Am
Nitrite ()		Nitrate ()		Date/Time: 4/16/14 1:18 pm
Oil+Grease ()		Narate + Nitrite ()		Relinquished by:
Pinenoi ()	-	pH, S.U ()		Ciliared allicel
Phosphorus, Total () Sett Solids mg/L ()		Phospitate, Ortho () Sett. Solids mL/L ()	-	Date/Time: 4/16/14 2:40 pm
Sett Solids mg/L () Sulfate ()		Solids, Total ()		
Sulfite ()	_	Sulfide ()		Received by:
TDS ()		Surfactant ()		12
Temperature, °C ()		TSS ()		Date/Time: 4/16/14 2)400
TOC ()	-	TKN ()		
Asbestos ()		Turbidity ()		Relinquished by:
TVS ()		Carbonate ()		
Total Nitrogen () 2. Metals:				Date/Time:
Aluminum (Al) (X)	13	Cadmium (Cd) ()		
Chromium (Cr) ()		Copper (Cu) ()		Received by:
Iron (Fe) (C)	13	Lead (Pb) (K)	143	
Manganese (Mn) ()	-	Mercury (Fig) ()		Date/Time:
Nickel (Ni) ()		Selenium (Se) ()		
Silver (Ag) ()	1.3	Tin (Sn) ()		Matrix
Zinc (Zn) (X) Barium (Ba) ()	73	Arsenic (As) () Boron (B) ()		air () water (x) sludge ()
Barrum (Ba) () Antimony (Sb) ()	-	Beryllium (Be) ()	-	liquid () soil () solid ()
Bismuth (Bi) ()		Calcium (Ca) ()		• • • •
Chromium, VI (CrVI) ()		Coluit (Co) ()		oil () mixed () other ()
Magnesium (Mg) ()		Molybdenum (Mo) ()		C-arifu
Potassium (K) ()		Silicon (Si) ()		Specify:
Sodium (Na) ()		Strontium (Sr) ()		Preservative Codes = PC
Thaltium (TI) () Vanadium (V) ()		Titanium (Ti) () Luhuum (Li) ()	,	r reservative Codes - 1 C
variation (v) ()	-	Lithium (Li) ()		
3. RCRA/Hazardous wastes				1. Cool, <6°C 6. Sodium Hydroxide(NaOH)
Ignitability (Flash Pt.)()	-	Corrosivity ()		2. Sulfuric Acid (H ₂ SO ₄) pH<2 7. Zinc Acetate
Reactivity (CN & S) ()		TCLP ()		3. Nitric Acid (HNO,), pH<2 8. Ascorbic Acid
RCRA Metals ()		Organics-Pest/Herb ()		4. Hydrochloric acid (HCl) 9. FAS
Organics-BNA () TOX ()		Organics-VOA ()		
TOX ()	-			5. Sodium Thiosulfate 10.Other
4. Specific Organics		Phenols GC ()		Sample time legands
Volatiles ()		Semi-Volitiles (BNA) ()		Sample type legend:
Pesticides/PCB's ()	-	PCB's Only ()	_	grab samples x
Herbicides ()	-	TPH 418 ()		composite samples xx
BTEX ()	-	TTO ()	-	
TTO & Dioxin ()		TPH 8015 ()	-	Turnaround time: Sampling Equipment:
5. Microbiology		Lindane ()	-	1 day () Automatic Campley ()
Fecal Coliform ()		Total Coliform ()		1 day () Automatic Sampler ()
• •	decision)	, ,	-	2 days () Sample Pick Up (x)
Comments:				3 days ()
-viiimeura				5 days ()
				Note: normal turnaround time is ten (10) working days;
				
			Orig	additional charges apply for rush orders.

Administrative Order on Consent
AES Puerto Rico Coal Fired Power Plant
Docket Number CWA-02-2015-3102
NPDES Tracking Number PRU020663

Attachment 4

Administrative Order on Consent Docket Number CWA-02-2015-3102

Compliance with AOC Section VII, ¶66

Required Reporting for Q3 2014 under Section B-12 of our MSGP

Industrial Discharge Monitoring Report (MDMR)



United States Environmental Protection Agency

Form Approved.

⇔EF	Ά		OMB No. 2040-0004				
Reason(s) for Sub	mission (Che	ck ell that apply):					
Reporting no d Reporting that Reporting that	discharge for a your site state your site state	Fill in all Sections). Il outfalls for this monitoring period (Fill in Sections A, B, C.1, D, and F). Is has changed to inactive and unstaffed (Fill in Sections A, B, F and include date of status change in comment field in Section Is has changed to active (Fill in all Sections and include date of status change in comment field in Section E.4). Iutant reductions are achievable for all outfalls and for all pollutants via Part 6.2.1.2 of the MSGP (Fill in Sections A, B and F).	E.4).				
A. Permit Trackin	ng Number:	PRR05BL65 Note: Read instructions before a	ompleting this Form.				
B. Facility Inform	ation						
1. Facility Name:	AES						
2. Facility Location							
a. Street:	PR - 0	3 KM 142.0 BO.JOBOS					
b. City:	GUAY	AMA	85 -				
3. Additional Facili							
Contact Name:		RODRIQUE Email: roln rold rique@aes .	clolm				
Phone:	hate-shared-sand h	8 6 6 - 8 1 1 7 Ext. 2 2 1 9					
		MDMR was prepared by someone other than the person signing the certification in Section F)					
Prepared by:	HECT						
Organization:							
Email:	hect						
Phone:	787-	8 6 6 - 8 1 1 7 Ext. 2 2 6 6					
C. Discharge Info	ormation						
1. Identify monitoring period: Check here if proposing alternative monitoring periods due to irregular stormwater runoff. Identify alternative monitoring schedule and indicate for which alternative monitoring period you are reporting monitoring data:							
Quarter 1 (April 1 – June 30)							
Quarter 2 (July 1 – September 30)							
Quarter 3 (October 1 – December 31)							
☐ Quarter 4 (January 1 – March 31) ☐ Quarter 4: From ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐							
2. Are you required to monitor for cadmium, copper, chromium, lead, nickel, silver, or zinc? Yes (Complete line item 2.a.)							
2a. What is the hardness level of the receiving water? 6800 mg/L							
D. Outfall Informa							
How many outfa	all(s) are ident	ified in your SWPPP? 03 List name of outfall(s) required to be monitored in table below.					
		rge substantially identical effluents? YES NO					
2.a. If yes, for each	h monitored or	uffall, indicate outfall names that are substantially identical in table below.					
3.A. Monitored Out	tfall Name*	3.B. Substantially Identical Outfalls [List name(s) of outfall(s) substantially identical to outfall in 3.A. (if applicable)]	3.C. No Discharge?				
MAR							
	Punnani di Pangangangangan di Pangangangan di Pangangan di Panganga						
*Reference attach	ment if addition	nal space needed to complete the table.					



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460
MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMB)

Form Approved, OMB No. 2040-0004

٠, ٠,,

					A (MUMA)			
E. Monitoring Information	on					Note: Mak	Note: Make additional copies of this form as necessary.	orm as necessary.
1. Permit Tracking Numb	1. Permit Tracking Number: PRR0 5 B L 6 5	6 5		CONTRACTOR				
2. Nature of Discharge:	2. Nature of Discharge: 🔀 Rainfall (Complete line items 2.a., 2.b., & 2.c.)	tems 2.a., 2.b., & 2.c.) 🔲 Snowmell	_					300
2.a. Duration of the rainfall event (hours):	all event (hours): 02	2.b. Rainfall amount (inches): 000.5	00 5	2.c. Time s	2.c. Time since previous measurable storm event (days):	e storm event (days): 004	4	
3.a. Outfall Name	3.b. Monitoring Type (QBM, ELG, S/T, I, O)*	3.c. Parameter	3.d. Quality or Concentration	3.e. Units	3.f. Results Description	3.g. Collection Date	3.h. Exceedance due to natural background pollutant levels	3.i. No further pollutant reductions achievable?
002	QMB	Aluminum	0.313	mg/L		07/18/14		0
002	QMB	Iron	0.102	mg/L	randeren mannet i en gefore mannet de	07/18/14	0	0
002	QMB	Lead	ON	mg/L	0.001	07/18/14		0
002	QMB	Zinc	0.016	mg/L		07/18/14	D	0
004	QMB	Aluminum	0.248	mg/L		07/18/14		0
004	QMB	Iron	0,134	mg/L		07/18/14		
004	QMB	Lead	ND	mg/L	0.001	07/18/14	0	
004	CIMB	Zinc	0.025	mg/L		07/18/14	0	
003	QMB	Aluminum	0.134	mg/L		07/18/14	0	
003	QMB	Iron	0.119	mg/L		07/18/14	0	
003	QMB	Lead	0.004	mg/L		07/18/14	0	
003	QMB	Zinc	0.005	mg/L		07/18/14	0	0
* (QBM) - Quarterly bend	* (QBM) - Quarterly benchmark monitoring; (ELG) - Annual effluent limitations	unnual effluent limitations guidelines mo	onitoring; (S/T) - Sta	ate- or Tribal-	specific monitoring; (!) -	guidelines monitoring; (S/T) - State- or Tribal-specific monitoring; (I) - Impaired waters monitoring; (O) -Other monitoring as required by EPA	O) -Other monitoring as requ	ired by EPA
4. Comment and/or Expla	ination of Any Violations (Ri	 Comment and/or Explanation of Any Violations (Reference all attachments here) 						
F. Certification						of All All And Andreas and the second and the secon		
Hector M. Avila		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware	I law that this document and all attachments were prepared prevision in accordance with a system designed to assure properly gathered and evaluated the information submitted the person or persons who manage the system, or those sible for gathering the information submitted widedge and belief, true, accurate, and complete. I am awant	tachments w rstem design the informati ge the system the informati	ed to assure on submitted. n, or those tion submitted is. I am aware	Section 1		1/17/18
Typed or Printed Name/ Officer or Aul	Typed or Printed Name/Title of Principal Executive Officer or Authorized Agent	that there are significant penalties for possibility of fine and imprisonment for	penalties for submitting false information, including the prisonment for knowing violations.	ormation, inc		Signature of Principal Executive Officer or Authorized Agent	Hicer or Authorized Agent	Date
Email of Principal Executi	Email of Principal Executive Officer or Authorized Agent:	ent: hectoriavi	la@aes	com.				

instructions for Completing the MSGP Industrial Discharge Monitoring Report (MDMR)

Who Must Submit A Discharge Monitoring Report to EPA?

Facilities covered under the Multi-Sector General Permit (MSGP or permit) that are required to monitor pursuant to Parts 6.2, 6.3, and 8 of the permit must submit the MSGP Discharge Monitoring Report (MDMR) consistent with the reporting requirements specified in Part 7.1 of the permit.

Where to File the MDMR Form

Monitoring data collected pursuant to Parts 6.2, 6.3, and 8 of the permit must be submitted electronically via EPA's Electronic Notice of Intent System (eNOI), which can be found at www.epa.gov/npdes/enoi. Filing electronically will allow permittees to easily submit the results of monitoring data to EPA. If you cannot access eNOI, monitoring results must be reported on the paper MDMR form and sent to one of the following addresses:

Via U.S. mail:

U.S. Environmental Protection Agency Office of Water, Water Permits Division Mail Code 4203M, ATTN: MSGP Reports 1200 Pennsylvania Avenue, NW Washington, D.C. 20460

Via Overnight/Express Delivery: U.S. Environmental Protection Agency Office of Water, Water Permits Division Room 7420, ATTN: MSGP Reports 1201 Constitution Avenue, NW Washington, D.C. 20004 Phone number: 202-564-9545

Completing the MDMR Form

To complete this form, type or print in uppercase letters in the appropriate areas only. Be sure that you complete all applicable questions. Photocopy your MDMR form for your records before you send the completed original form to the appropriate address above. Use ink when you sign and mail the original document – EPA will not accept photocopies. You may also use this paper form as a checklist for the information you will need when submitting a MDMR electronically via EPA's eNOI system.

Reasons for Submission

Indicate your reason(s) for submitting this MDMR by checking all boxes that apply. The reasons for submission are defined as follows:

- Submitting monitoring data: For each storm sampled, submit one MDMR form with data for all outfalls sampled. Select this reason even if you only have monitoring data for some of your outfalls (i.e., some outfalls did not discharge). If you select this reason you are required to complete all Sections of the form.
- Reporting no discharge for all outfalls for this monitoring period: Indicates
 that there were no discharges from all outfalls during this monitoring
 period. If you select this reason you are only required to complete
 Sections A, B, C.1, D, and F.
- Reporting that your site status has changed to inactive and unstaffed: Indicates that your facility is currently inactive and unstaffed (See Part 6.2.1.3 of the permit for more information). If you select this reason you are only required to complete Sections A, B, and F and include date of status change in the comment field in Section E.4.
- Reporting that you site status has changed from inactive to active: Indicates that your facility is currently active (See Part 6.2.1.3 of the permit for more information). If you select this reason you are required to complete all Sections of the form and include date of status change in the comment field in Section E.4.
- Reporting that no further reductions are achievable for all outfalls and for all pollutants via Part 6.2.1.2 of the permit: Indicates that your facility has determined that no further pollutant reductions are technologically and economically practicable in light of best industry practice to meet the technology-based effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1.2 of the permit for more information). If you select this reason you are required to complete Sections A, B and F. However, if you can make this finding for some outfalls and pollutants, but not for others, you cannot select this reason; you will instead be able to identify which outfalls and which pollutants you can make this finding for in Section E.

Section A. Permit Tracking Number

Enter the National Pollutant Discharge Elimination System (NPDES) tracking number assigned by EPA's Stormwater Notice Processing Center to the facility. If you do not know the tracking number, you can find the tracking number assigned to your facility on EPA's Notice of Intent (NOI) Search website (www.epa.gov/npdes/noisearch).

Section B. Facility Information

 Enter the facility's official or legal name. Unless the name of your facility has changed, please use the same name provided on your NOI. You can use EPA's NOI Search website (www.epa.gov/npdes/noisearch) to view your NOI.

2.a-d. Enter the street address, including city, state, and zip code of the actual physical location of the facility. Do not use a P.O. Box.

- 3. (Optional) Identify the name, telephone number, and email address of the person who will serve as a contact for EPA on issues related to monitoring at your facility. This person should be able to answer questions related to stormwater discharges and monitoring or have immediate access to individuals with that knowledge. This person does not have to be the facility operator, but should have intimate knowledge of monitoring activities at the facility.
- 4. If the form was prepared by someone other than the person who is signing the certification statement in Section F (for example, if the MDMR was prepared by a member of the facility's stormwater pollution prevention team or a consultant for the certifier's signature), include the name, organization, phone number and email address of the MDMR preparer.

Section C. Discharge Information

- 1. Indicate the appropriate monitoring period (Quarter 1, 2, 3, or 4) covered by the MDMR. "Alternative" monitoring periods can apply to facilities located in arid and semi-arid climates, or in areas subject to snow or prolonged freezing. To use alternative monitoring periods, you must provide a revised monitoring schedule here in the first monitoring report submitted and indicate for which alternative monitoring period you are reporting monitoring data. If using alternative monitoring periods, identify the first day of the monitoring period through the last day of the monitoring period for each of the four periods. The dates should be displayed as month (Mo) / day (Day). See Parts 6.1.6 and 6.1.7 of the permit for more information.
- If you are submitting benchmark monitoring data, identify if your facility is
 required to collect benchmark samples for one or more hardness-dependent
 metals (i.e., cadmium, copper, lead, nickel, silver, and zinc). If you select "yes"
 to this question you must also complete Question 2.a. and if you select "no" to
 this question you may skip to Section D.
- 2.a. If you selected "yes" for Question 2 under Section C, then you are required to submit to EPA with your first benchmark report a hardness level, established consistent with the procedures in Appendix J of the permit, which is representative of your receiving water. If your outfalls discharge to more than one receiving water, as reported in your NOI form, you should report hardness for the receiving water with the lowest hardness values. Hardness values must be reported in milligrams per liter (mg/L).

Section D. Outfall Information

- Enter the total number of outfalls identified in your stormwater pollution prevention plan (SWPPP). Outfalls are locations where stormwater exits the facility, including pipes, ditches, swales, and other structures used to remove stormwater from the facility.
- Indicate if your facility has two or more outfalls that you believe discharge substantially identical effluents (i.e., stormwater), based on the similarities of the general industrial activities and control measures, exposed materials that may significantly contribute pollutants to stormwater, and runoff coefficients of their drainage areas. See Parts 5.1.5.2 and 6.1.1 of the permit for more information on substantially identical outfalls.
- 2.a. If you selected "yes" for Question 2 under Section D, then you must list the outfall name(s) in Column 3.B. that you expect to be substantially identical to the corresponding outfall in Column 3.A.
- Monitored Outfall Name: List name(s) of outfall(s) you are required to monitor in Column 3.A.
- Substantially Identical Outfalls: List name(s) of outfall(s) substantially identical to "Monitored Outfall" in Column 3.A. (if applicable);
- 3.C No Discharge: Check box if you are reporting "No Discharge" for the monitored outfall for the reporting period identified in Section C.1.

Example:

3.A Monitored Outfall Name	3.B. Substantially Identical Outfall	3.C. No Discharge
Outfall A	Outfall 8; Outfall C	
Outfall D		×

Reference attachment if additional space is needed to complete the Table Section D.

Section E. Monitoring Information

- Enter the NPDES tracking number assigned by EPA's Stormwater Notice Processing Center to the facility reported in Section A.
- 2. For the reported monitoring event indicate whether the discharge was from a rainfall or snowmelt event. If you select "rainfall" then indicate the duration (in hours) of the rainfall event, rainfall total (in inches) for that rainfall event, and time (in days) since the previous measurable storm event in line items 2.a-c. For both rainfall and snowmelt monitoring, you must identify the date of collection for the monitoring event in column 3.g. of the table. If the discharge occurs during a period of both rainfall and snowmelt, check both the rainfall and snowmelt boxes and report the appropriate rainfall information in item 2.a-c. To report multiple monitoring events in the same reporting period, copy Page 2 of this Form and enter each monitoring event separately with data for all outfalls sampled.

For each pollutant monitored at an outfall, you must complete one row in the Table as follows:

- Outfall Name: Provide the outfall name for which you monitored (e.g., Outfall 1, Outfall 2, Outfall 3).
- 3.b. Monitoring Type: Provide the type of monitoring using the specified codes, in parentheses, below:
 - . (QBM) Quarterly benchmark monitoring
 - . (ELG) Annual effluent limitations guidelines monitoring;
 - · (S/T) State- or Tribal-specific monitoring:
 - (I) Impaired waters monitoring; or
 - · (0) Other monitoring as required by EPA.
- 3.c. Parameter(s): Enter each "Parameter" (or "pollutant") monitored. For QBM and ELG monitoring, use the same parameter name as in Part 8 of the permit.
- 3.d. Quality or Concentration: Enter sample measurement value for each parameter analyzed and required to be reported. Enter "ND" (i.e., not detected) for any sample results below the method detection limit or "BQL" (i.e., below quantitation limit) for sample results above the detection limit but below the quantitation limit.
- 3.e. Units: Enter the units for sample measurement values (i.e., "mg/L" for milligrams per liter) for each parameter analyzed and required to be reported. For monitoring results reported as ND or BQL this space will be left blank and the units will be reported in Column 3.f.
- 3.f. Results Description: This section must be completed for any monitoring results reported as ND or BQL in the "Quality or Concentration" column. For ND, report the laboratory detection level and units in this column. For BQL, report the laboratory quantitation limit and units in this column.
- Collection Date: Identify the sampling date for each parameter monitoring result reported on this form.
- 3.h. Exceedance due to natural background pollutant levels: Check box if following the first 4 quarters of benchmark monitoring (or sooner if the exceedance is triggered by less than 4 quarters of data) you have determined that the exceedance of the benchmark is attributable solely to the presence of that pollutant in the natural background for that outfall and any substantially identical outfalls. See Part 6.2.4.2 of the permit for more information. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.
- 3.i. No further pollutant reductions achievable: Check box if after collection of 4 quarterly samples (or sooner if the exceedance is triggered by less than 4 quarters of data), the average of the 4 monitoring values for any parameter exceeds the benchmark and you have made the determination that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice to meet the technology-based

- effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1. of the permit for more information) for that outfall and any substantially identical outfalls. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.
- 4. Where violations of the permit requirements are reported, include a brief explanation to describe the cause and corrective actions taken, and reference each violation by date. Also, this section should include any additional comments such as are required when changing site status from inactive and unstaffed to active or vice versa. Attach additional pages if you need more space.

Attach additional copies of Section E as necessary to address all outfalls and parameters,

Section F. Certification

Enter "Name/Title of Principal Executive Officer or Authorized Agent" with
"Signature of Principal Executive Officer or Authorized Agent," "Date" form was signed
and email of the "Principal Executive Officer or Authorized Agent." If you submit
multiple pages of Section E monitoring data, each page must be appropriately signed
and certified as described below.

Certification statement and signature (see Section B.11 in Appendix B of the permit for more information). Federal statutes provide for severe penalties for submitting false information on this reporting form. Federal regulations require this form to be signed by one of the following individuals, or a duly authorized representative of that person, as follows:

For a corporation: by a responsible corporate officer, which means:

- (i) president, secretary, treasurer, or vice-president of the corporation in charge
 of a principal business function, or any other person who performs similar policy
 or decision making functions for the corporation, or
- (ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

For a partnership or sole proprietorship: by a general partner or the proprietor; or For a municipal, State, Federal, or other public facility: by either a principal executive or ranking elected official.

Paperwork Reduction Act Notice

Public reporting burden for this certification is estimated to average 7.25 hours per response plus an additional 2 hours for respondents required to gather hardness data, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments regarding the burden estimate, any other aspect of the collection of information, or suggestions for improving this form, including any suggestions which may increase or reduce this burden to: Director, Office of Environmental Information Services, Collection Services Division (2823), USEPA, 1200 Pennsylvania Avenue, NW, Washington, DC 20460. Include the OMB control number of this form on any correspondence. Do not send the completed MDMR form to this address.





ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: August 7, 2014

CONTRACT: AES - Guavama

LAB. SAMPLE ID: BEL-1403266

SAMPLE COLLECTED BY: Client (H. Ávila)

DATE RECEIVED: 07/24/14

SAMPLE DATE: 07/18/14

TIME: 7:45

DESCRIPTION: 002 LAB. FILE ID: 1403268

MATRIX: Water

					ALIUN. TYRIGI		
PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1403266 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Hardness, Total Aluminum Iron Lead Zinc	SM 2340 C* 200.7(ICAP) 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab Grab	mg/L mg/L mg/L mg/L mg/L	160. 0.313 0.102 <0.001 0.016	3.50 0.010 0.010 0.001 0.001	HM BTR BTR BTR BTR	08/05/14 07/30/14 07/30/14 07/30/14 07/30/14

^{*}Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

BO LI

ATEMPEO

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data companies and Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only capacity submitted.

Lora Iris M. Chévere Alfonto Laboratory Director Chemist License 2370

Attachment Chain of Custody Records (1)

PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS.

REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES.

CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING

• CERTIFICATION NUMBER E87556 •

192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

192 Villa Street • Ponce, P.R. 00730-4875
Tel 787-841-7373 • Fax 787-841-7313
CHAIN OF CUSTODY RECORD

PROYECT NO		COMPA	es 1	-00-1	SAMPLEY AVITA
SAMPLE LOCATION	(CLIP	TID!	- Goran	000	The state of the s
SAMPLE DATE		-	7 10	002	1 /· Y) PM
			7-10	-//	17 - 2088
General Environme	nta)	PC	VSS	PC	Sampling Witness;
Acidity Ammonia as N	()		Alkahnity (Bicarbonate () _	Date/Time:
BOD-5	()	_	Bramide (}	Relinquished by:
Chloride	()		Chlorine, Res.	j _	7-2M-14 11:20A
COD Conductivity µmbos/cn	()	***************************************	Color (ADMI) ()	Date/Time:
Dissolved Oxygen	()		Color (Pt-Co) (Cyanide (! —	Received by: // //
Hardness	(4)	43	Fluoride (; =	Ito his Mary
Moisture % Nitrite	()	-	lodide () _	Date/Time; 7-24-174 //: 20 to
Oil+Grease	()	_	Nitrate (Nitrate + Nitrite () —	
Phenol	()	_	pH, S.U.	; —	Relingifished by:
Phosphorus, Total	()	-	Phosphate, Ortho (<u> </u>	1 to 1 / to
Sett Solids mg/L Sulfate			Sett Solids mL/L (Solids, Total ()	Date/Tighe: 7-24-14 12-50 12
Sulfite	()		Sulfide (· -	Received by:
TDS	()	-	Surfactant (; =	Jall.
Temperature, °C TOC	()		TSS ()	Date/Time: 7/24/14 1250pm
Asbestos			Turbidity (,	Relinquished by:
TVS	()			; —	reinquisited by.
Total Nitrogen 2. Metnis:	()	-			
	S	43	Cadmium (Cd) (,	Date/Time:
Chromium (Cr)	()			} _	Received by:
11	(K)	1,1	Lend (Pb)		
Manganese (Mn) Nickel (Ni)	()	1, <u>I</u>	Mercury (Hg) () '_	Date/Time:
Silver (Ag)	(Sclenium (Se) (Tin (Sn) (,	Manda
Zinc (Zn)	(K)	12	Arsenic (As) (,	Matrix
A	()		Boron (B) () _	air () water (x) sludge ()
Bismuth (Bi)	()	-	Beryllium (Be) (Calcium (Ca) ()	liquid () soil () solid ()
Chromium, VI (CrVI)	()		Cobalt (Cu) (,	oil () mixed () other ()
Magnesium (Mg) Potassium (K)	()		Molybdenum (Mo) () _	Specific
Sodium (Na)	()		Silican (Si) (Strontium (Sr) ()	Specify:
Thallium (TI)	()		Titanium (Ti) (, -	Preservative Codes = PC
Vanadium (V)	()	Address.	Lithium (L1) (; _	
3. RCRA/Hazardous w	astes				i. Cool, <6° C 6. Sodium Hydroxide(NaOH)
Ignitability (Flash Pt.)	()	-	Corrosivity ()	2. Sulfuric Acid (H ₂ SO ₄) pH<2 7. Zinc Acetate
Reactivity (CN & S) (RCRA Metals		-	TCLP (; _	3. Nitric Acid (HNO ₃), pH<2 8. Ascorbic Acid
Organics-BNA)	-	Organics-Pest/Herb (Organics-VOA ()	4 ** * * * * * * * * * * * * * * * * *
TOX			Organics-VOA (,	
4 Specific Organics					5. Sodium Thiosulfate 10.Other
Volatiles ()		Phenols GC (Semi-Volitiles (BNA) (Sample type legend:
Pesticides/PCB's	j		PCB's Only	- Contraction of the Contraction	grab samples x
Herbicides BTEX	1	-	TPH 418.1		annua alla annua di
TTO & Dioxin ()	distribution.	TTO ()		-
•)	P-6000-1	TPH 8015 ()		Turnaround time: Sampling Equipment:
5. Microbiology			Lindane ()	-	1 day () Amount Court (
Fecal Coliform ()	-	Total Coliform ()	****	1 day () Automatic Sampler ()
C					2 days () Sample Pick Up ()
Comments:		-			3 days ()
					5 days ()
The state of the s	-				Note: normal turnaround time is ten (10) working days;
				(3-1) (1)	additional charges apply for rush orders.





ATTENTION:

Mr. Hector Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: August 7, 2014

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1403267

SAMPLE COLLECTED BY: Client (H Ávila)

SAMPLE DATE: 07/18/14

DESCRIPTION: 004

LAB. FILE ID: 1403267

DATE RECEIVED: 07/24/14

TIME: 7.55AM

MATRIX: Water

				•••			
PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1403267 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Hardness, Total Aluminum Iron Lead Zinc	SM 2340 C* 200.7(ICAP) 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab Grab	mg/L mg/L mg/L mg/L mg/L	44.0 0.248 0.134 <0.001 0.025	3.50 0.010 0.010 0.001 0.001	HM BTR BTR BTR BTR	08/05/14 07/30/14 07/30/14 07/30/14 07/30/14

^{*}Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in Manager's Designee. Sample results related the contained in the contained aport of Analysis has been authorized by the Laboratory Manager or the ample submitted.

Loda Iris M Chévere Alfon

Laboratory Director Chemist License 2370

Attachment Chain of Custody Records (1)

PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING • CERTIFICATION NUMBER E87556 • 182 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

192 Vilia Street • Ponce, P.R. 00730-4875 Tei. 787-841-7373 • Fax 787-841-7313

CHAIN OF CUSTODY RECORD

PROYECT NO)	СОМЕ	AES Group	ma	SAMPLES AVILA
SAMPLE LOC	ATION/CLI	מו דאכ	7	04	TIME 2.55 CONTROL NO.
SAMPLE DAT	TE.				BEL NO. 140 3267 177829
1 General Envi	ronmental	PC	vss	PC	SamplingWitness;
Ammonia as N	()	~	Alkalinity ()	Date/Time:
BOD-5	i i	-	Bromide (}	Relinquished by:
Chloride	()	_	Chionne, Res	<u>'</u>	7-24-14 16-20m
COD	()		Color (ADMI)	_	
Conductivity µ	nhos/cm ())	Color (Pt-Co)	, -	Date/Time:
Dissolved Oxygo Hardness	en ()	1	Cyanide (,	Received by:
Moisture %	(20)	Z	Fluoride (, –	Ala Marine
Nonte	()	-	lodide (,	- Fund 10
Oil+Grease	()		Nitrate (Date/Time: 7724-14 11:201
Phenol	()	***************************************	Nitrate + Nitrate (
Phosphorus, Tota	. ()	-	pH, S.U. ()	_	
Sett Solids mg/L			Phosphate, Ortho ()		- 160 Given General
Sulfate	. ; ;	-	Sett Solids mL/L ()	-	Date Time 7-27-14 12:50AA
Sulfite	()		Solids, Total ()	-	Received by:
TDS	- ' '	-	Sulfide ()	-	Michigan by:
Temperature, *C	2 1		TSS ()	-	DeR.
TOC	2 1		. 155 ()	-	Date/Time: 7/24/14 12: 5000
Asbestos	ii		Turbidity ()	-	
TVS	ii		Carbonate ()	******	Relinquished by:
Total Nitrogen	i i		Carodiaze ()	********	
2. Metnis:		*******			Date/Time:
Aluminum (A	11) (K)	12	Cadmium (Cd) ()		
Chromium (C			C- (55)	-	Received by:
Iron (F		43	, , , ,	13	•
Manganese (N	(n)	15	Manual (10)	归	Note ()
Nickel (N	li) ()	-	Mercury (Hg) () Selenium (Sc) ()		Date/Time:
Silver (A	g) ()	-	Tin (Sn) (-	3.7
Zinc (Zi		<u> </u>	Arsenic (As) ()	-	Matrix
Barium (B			Boron (B)	-	air () water (X) sludge ()
Antimony (SI			Beryllium (Be) ()	-	the state of the s
Bismuth (Bi	1) ()	***************************************	Calcium (Ca)	-	() 5014 ()
Chromium, VI (C			Cobalt (Co) ()	-	oil () mixed () other ()
Magnesium (M Potassium (K		-	Molybdenum (Mo) ()	- Allerton	
		_	Silicon (Si) ()	_	Specify:
		-	Strontium (Sr) ()	-	
		-	Titanium (Ti) ()		Preservative Codes = PC
Vanadium (V)) ()	-	Lithium (Li) ()	-	- 1 C
3. RCRA/Hazardo	THE TIMESON				1 Cool 460C
Ignitability (Flash	Pt.)()		Communication		1. Cool,<6°C 6. Sodium Hydroxide(NaOH)
Reactivity (CN &	S) ()	-	Corrosivity ()		2. Sulfuric Acid (H,SO ₄) pH<2 7. Zinc Acetste
RCRA Metals	()	-	TCLP ()		3. Nitric Acid (HNO ₃), pH<2 8. Ascorbic Acid
Organics-BNA	()	-	Organics-Pest/Herb () Organics-VOA ()		A Hudanahlaria att group
TOX	<i>i i</i>	-	Organics-VOA ()	-	4. Hydrochloric acid (HCl) 9. FAS
		-			5. Sodium Thiosulfate 10.Other
4. Specific Organic	CS		Phenois GC ()		
Volatiles	()	-	Semi-Volitiles (BNA) ()	-	Sample type legend:
Pesticides/PCB's	()	- Characterist	PCB's Only		grah garanta
Herbicides BTEX	()	-	TPH 418.1 ()	-	
TTO & Dioxin	()	-	TTO ()	*	composite samples xx
. O at Dioxin	()	-	TPH 8015	*Saldhandh	
Microbiology			Lindane ()	-	Turnaround time: Sampling Equipment:
ecal Coliform	٠,		•	~	
CONTOUR	()	***************************************	Tomi Coliform ()		l day () Automatic Sampler ()
			. ,	-	7 days / \ Cample Diller
omments:					2 1
Parl Charles					
					5 days ()
		***************************************			Note: normal turnaround time is ten (10) working days;
					outgines of species over the first some in the second of t
					additional charges apply for rush orders.

Original





DATE

ANALYZED

REPORT OF ANALYSIS

ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: August 7, 2014

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1403268

SAMPLE COLLECTED BY: Client (H. Ávila)

SAMPLE DATE: 07/18/14 TIME: 8:10AM

DESCRIPTION: 003

LAB. FILE ID: 1403268

LIMIT

DATE RECEIVED: 07/24/14 MATRIX: Water METHOD **PARAMETER** EPA SAMPLE UNITS BEL-1403268 DETECTION ANALYST METHOD

Hardness Total Aluminum Iron Lead Zinc	SM 2340 C ⁻ 200.7(ICAP) 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab Grab	mg/L mg/L mg/L mg/L mg/L	368. 0.134 0.119 0.004 0.005	3.50 0.010 0.010 0.001 0.001	HM BTR BTR HS HS BTR	08/05/14 07/30/14 07/30/14 07/31/14 07/30/14

RESULT

TYPE

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data conta the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample res e sample submitted

Loda. Iris M. Chévere All **Laboratory Director** Chemist License 2370

Attachment Chain of Custody Reco

PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING CERTIFICATION NUMBER E87556

192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

^{*}Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

192 Villa Street • Ponce, P.R. 00730-4875 Tel. 787-841-7373 • Pax 787-841-7313

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPAN	ES Guy	m	SANDLET AVILA
SAMPLE LOCATION/CLIEN	IT ID	00/3	3	TIME 8.70 MAM CONTROL NO.
SAMPLE DATE		7-18-1	Y	BEL NO 1403268 177828
1. General Environmental:	PC	VSS	PC	SamplingWitness;
Acidity ()		Alkalinity ()		Date/Time:
Ammonia as N ()	-	Bicarbonate ()		Relinquished by:
BOD-5 () Chloride ()	-	Bromide ()	*****	Reinfourshed by:
COD	******	Chlorine, Res ()	-	7-27-19 11:20am
Conductivity µmhos/em ()		Color (ADMI) () Color (Pt-Co) ()		Date/Time:
Dissolved Oxygen ()		Cyanide ()	*******	Received by
Hardness (A)	江	Fluoride ()	-	1 the 1/trust
Moisture % ()		lodide ()	*******	District the second sec
Nitrite () Oil+Grease ()		Nitrate ()	-	Date/Timer 7-24-14 111:23 Am
Phenol ()	_	Nitrate + Nitrite ()	-	Relinguished by:
Phosphorus, Total ()	-	pH, S.U. () Phosphate, Onho ()	-	What have I true
Sett Solids mg/L ()	-	Sett Solids mL/L ()	***************************************	
Sulface ()		Solids, Total ()		
Sulfite ()		Sulfide ()		Received by:
TDS () Temperature, *C ()	-	Surfactant ()	-	
TOC ()	-	TSS ()	-	Date/Time: 7/24/14 12: 50000
Asbestos ()		Turbidaty ()	-	Relinquished by:
TVS ()	-	Carbonate ()	-	remiquisited by.
Total Nitrogen ()	-	,		
2. Metals: Aluminum (Al)	13			Date/Time:
Aluminum (Al) UI Chromium (Cr) ()	12	Cadmium (Cd) ()	-	Received by:
Iron (Fe) (x)	II	Copper (Cu) () Lead (Pb) ()	17	
Munganese (Mn) ()	"Lade	Lead (Pb) (X) Mercury (Hg) ()	11	Date/Time:
Nickel (Ni) ()	_	Sclenium (Sc) ()	-	Date/Time:
Silver (Ag) ()	<u></u>	Tin (Sn) ()		Matrix
Zinc (Zn) (Xn) Ranum (Ba) (<u> </u>	Arsenic (As) ()	-	
Harium (Ba) () Antimony (Sb) ()	-	Boron (B) () Beryllium (Be) ()	-	, many
Bismuth (Bi) ()	-	Beryllium (Be) () Calcium (Ca) ()	***************************************	liquid () soil () solid ()
Chromnum, VI (CrVI) ()		Cobalt (Co) ()	-	oil () mixed () other ()
Magnesium (Mg) ()	-	Molybdenum (Mo) ()		D 14
Potassium (K) () Sodium (Na) ()	_	Silicon (Si) ()	-	Specify:
Sodium (Na) () Thallium (TI) ()	-	Strontium (Sr) ()		December 0 1 DC
Vanadium (V) ()	-	Titanium (Ti) () Lithium (Li) ()	-	Preservative Codes = PC
	-	Lithium (Li) ()		
3. RCRA/Hazardous wastes				1 Cool,<6°C 6. Sodium Hydroxide(NaOH)
gnitability (Flash Pt.)() Reactivity (CN & S) ()		Corrosivity ()	-	2. Sulfuric Acid (H ₂ SO ₄) pH<2 7. Zinc Acetate
RCRA Metals ()		TCLP ()	*****	3. Nitric Acid (HNO,), pH<2 8. Ascorbic Acid
Organics-BNA ()		Organics-Pest/Herb ()	-	A Deducation of grown
rox ()		Organics-VOA ()	Maria -	
Same O				5. Sodium Thiosulfate 10.Other
Specific Organies		Phenols GC (in and	Sample type legend:
less'-11 mans	-	Semi-Volitiles (BNA) (n comments.	
ferbicides ()	***	PCB's Only TPH 418.1	-	grab samples x
TTEX ()	and the same of th	TTO ()	******	composite samples xx
TO & Dioxin ()	material land	TPH 8015 ()	-	Turnaround time: Sampling Equipment:
Microbiology		Lindane ()		
ecal Coliform ()		Total Calif		1 day () Automatic Sampler ()
()	100110406	Total Coliform ()	-	2 days () D 1 mt s as
omments:				
van MEULD.			***************************************	3 days ()
	-			5 days ()
				Note: normal turnaround time is ten (10) working days,
				additional charges apply for rush orders
				a del an annual

Original

Administrative Order on Consent
AES Puerto Rico Coal Fired Power Plant
Docket Number CWA-02-2015-3102
NPDES Tracking Number PRU020663

Attachment 5

Administrative Order on Consent Docket Number CWA-02-2015-3102

Compliance with AOC Section VII, ¶66

Required Reporting for Q4 2014 under Section B-12 of our MSGP

Industrial Discharge Monitoring Report (MDMR)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Form Approved.

≫EP	WASHINGTON, DC 20460 MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)	OMB No. 2040-0004
Reason(s) for Submiss	on (Check all that apply):	
Reporting no disch Reporting that your Reporting that your	ng data (Fili in all Sections). Inge for all outfalls for this monitoring period (Fill in Sections A, B, C.1, D, and F). Site status has changed to inactive and unstaffed (Fill in Sections A, B, F and include date of status change in comment field in Section site status has changed to active (Fill in all Sections and include date of status change in comment field in Section E.4). In the pollutant reductions are achievable for all outffalls and for all pollutants via Part 6.2.1.2 of the MSGP (Fill in Sections A, B and F).	
A. Permit Tracking No		
B. Facility Information		completing this Form
1. Facility Name: A		
2. Facility Location:	4 1-1-1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
a. Street:	R-03 KM 142.0 BO.JOBOS	
b. City: GI	JAYAMA	7 8 5 -
3. Additional Facility Inf	ormation (Optional):	
Contact Name: R	rom. rom. rom. rom riquegaes.	com
il company	7 - 866 - 8 1 17 Ext. 22 19	
	nplete if MDMR was prepared by someone other than the person signing the certification in Section F)	
Prepared by:	CTOR M AVILA	
Organization: A E	S PUERTO RICO	
Email: h e	ctor.avilla@aes.com	
Phone 78	7-866-8117 Ext. 2266	
C. Discharge Informat	on	
1. Identify monitoring pe	riod: Check here if proposing alternative monitoring periods due to irregular stormwater runoff. Identify alternative monitoring period you are reporting monitoring data:	native monitoring
Quarter 1 (April 1 -		
Quarter 2 (July 1 –	September 30)	
Quarter 3 (October		
Quarter 4 (January		
2. Are you required to m	onitor for cadmium, copper, chromium, lead, nickel, silver, or zinc? Yes (Complete line item 2.a.) No (Skip to Section D)	
	level of the receiving water? 6 8 0 0 mg/L	
D. Outfall Information		
1. How many outfall(s) a	e identified in your SWPPP? 03 List name of outfall(s) required to be monitored in table below.	
2. Do any of your outfalls	discharge substantially identical effluents?	
2.a. If yes, for each moni	ored outfall, indicate outfall names that are substantially identical in table below.	
3.A. Monitored Outfall Na	me* 3.B. Substantially Identical Outfalls [List name(s) of outfall(s) substantially identical to outfall in 3.A. (if applicable)]	3.C. No Discharge?
Reference attachment if	additional space needed to complete the table.	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460 MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)

Form Approved, OMB No. 2040-0004

E. Monitoring Information	ion					Note: Mak	Note: Make additional copies of this form as necessary.	orm as necessary.
1, Permit Tracking Number:	ber: PRROSBLIGIS	6 5						No. and the state of the state
2. Nature of Discharge:	2. Nature of Discharge: KT Rainfall (Complete line items 2.a., 2.b., & 2.c.)	tems 2.a., 2.b., & 2.c.) 🔲 Snowmalt						
2.a. Duration of the rainfall event (hours):	all event (hours): 0 1	2.b. Rainfall amount (inches): $\begin{bmatrix} 0 & 0 \\ 0 & \end{bmatrix}$.	00 3	2.c. Time s	ince previous measurable	2.c. Time since previous measurable storm event (days): 0 1 1	1	
3.a. Outfall Name	3.b. Monitoring Type (QBM, ELG, S/T, I, O)*	3.c. Parameter	3.d. Quality or Concentration	3.e. Units	3.f. Results Description	3.g. Collection Date	3.h. Exceedance due to natural background pollutant levels	3.i. No further pollutant reductions achievable?
002	QMB	Aluminum	0.364	mg/L	and the state of t	12/05/14		
002	QMB	Iron	0.063	mg/L	errigin find appropriate the statement of the Andrews statement of the find find the statement of the statem	12/05/14		
002	QMB	Lead	ND	mg/L	0.001	12/05/14	0	
002	QMB	Zinc	0.026	mg/L		12/05/14	0	0
1001	QMB	Aluminum	0.240	mg/L		12/05/14	0	
1001	QMB	Iron	0.244	mg/L		12/05/14		
1001	QMB	Lead	ND	mg/L	0.001	12/05/14		
1001	QMB	Zinc	0.016	mg/L		12/05/14	0	0
003	QMB	Aluminum	0.124	mg/L	,	12/16/14	0	0
003	QMB	Iron	0.055	mg/L		12/16/14	0	
003	QMB	Lead	0.006	mg/L		12/16/14		0
003	QMB	Zinc	0.001	mg/L		12/16/14	0	
" (QBM) - Quarterly benc	hmark monitoring; (ELG) - A	* (QBM) - Quarterly benchmark monitoring; (ELG) - Annual effluent limitations guidelines monitoring; (S/T) - State- or Tribal-specific monitoring; (I) - Impaired waters monitoring; (O) - Other monitoring as required by EPA	onitoring; (S/T) - Sta	ite- or Tribal-	specific monitoring; (I) - I	mpaired waters monitoring; (O) -Other monitoring as requi	red by EPA
4. Comment and/or Expl	anation of Any Violations (R.	 Comment and/or Explanation of Any Violations (Reference all attachments here) 						
F. Certification		MATTERFORM CHANGE FOR EXPERIENCE AND CHANGE CHANGE CHANGE CONTRACTOR CONTRACTOR CHANGE						
Hector M. Avila		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel property gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware	of law that this document and all attachments were prepared supervision in accordance with a system designed to assure it properly gathered and evaluated the information submitted the person or persons who manage the system, or those nsible for gathering the information, the information submitted movedage and belief, true, accurate, and complete. I am aware	tachments wastem design the information the system the information the information and comple	ed to assure on submitted. n, or those tion submitted te. I am aware	(N)		3/21/1
Typed or Printed Name/ Officer or Au	Typed or Printed Name/Title of Principal Executive Officer or Authorized Agent	that there are significant penalies for submitting false information, including the possibility of fine and imprisonment for knowing violations.	submitting false infor r knowing violations	armation, inc		Signature of Principal Executive Officer or Authorized Agent	Officer or Authorized Agent	Date
Email of Principal Execut	Email of Principal Executive Officer or Authorized Agent:	hector	. aviilia@alelsi.com	COM				

Instructions for Completing the MSGP Industrial Discharge Monitoring Report (MDMR)

Who Must Submit A Discharge Monitoring Report to EPA?

Facilities covered under the Multi-Sector General Permit (MSGP or permit) that are required to monitor pursuant to Parls 6.2, 6.3, and 8 of the permit must submit the MSGP Discharge Monitoring Report (MDMR) consistent with the reporting requirements specified in Part 7.1 of the permit.

Where to File the MDMR Form

Monitoring data collected pursuant to Parts 6.2, 6.3, and 8 of the permit must be submitted electronically via EPA's Electronic Notice of Intent System (eNOI), which can be found at www.epa.gov/npdes/enoi. Filing electronically will allow permittees to easily submit the results of monitoring data to EPA. If you cannot access eNOI, monitoring results must be reported on the paper MDMR form and sent to one of the following addresses:

Via U.S. mail:

U.S. Environmental Protection Agency Office of Water, Water Permits Division Mail Code 4203M, ATTN: MSGP Reports 1200 Pennsylvania Avenue, NW Washington, D.C. 20460

Via Overnight/Express Delivery:

U.S. Environmental Protection Agency Office of Water, Water Permits Division Room 7420, ATTN: MSGP Reports 1201 Constitution Avenue, NW Washington, D.C. 20004 Phone number: 202-564-9545

Completing the MDMR Form

To complete this form, type or print in uppercase letters in the appropriate areas only. Be sure that you complete all applicable questions. Photocopy your MDMR form for your records before you send the completed original form to the appropriate address above. Use ink when you sign and mail the original document — EPA will not accept photocopies. You may also use this paper form as a checklist for the information you will need when submitting a MDMR electronically via EPA's eNOI system.

Reasons for Submission

Indicate your reason(s) for submitting this MDMR by checking all boxes that apply. The reasons for submission are defined as follows:

- Submitting monitoring data: For each storm sampled, submit one MDMR form with data for all outfalls sampled. Select this reason even if you only have monitoring data for some of your outfalls (i.e., some outfalls did not discharge). If you select this reason you are required to complete all Sections of the form.
- Reporting no discharge for all outfalls for this monitoring period: Indicates
 that there were no discharges from all outfalls during this monitoring
 period. If you select this reason you are only required to complete
 Sections A, B, C.1, D, and F.
- Reporting that your site status has changed to inactive and unstaffed: Indicates that your facility is currently inactive and unstaffed (See Part 6.2.1.3 of the permit for more information). If you select this reason you are only required to complete Sections A, B, and F and include date of status change in the comment field in Section E.4.
- Reporting that you site status has changed from inactive to active: Indicates that your facility is currently active (See Part 6.2.1.3 of the permit for more information). If you select this reason you are required to complete all Sections of the form and include date of status change in the comment field in Section E.4.
- Reporting that no further reductions are achievable for all outfalls and for all pollutants via Part 6.2.1.2 of the permit: Indicates that your facility has determined that no further pollutant reductions are technologically and economically practicable in light of best industry practice to meet the technology-based effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1.2 of the permit for more information). If you select this reason you are required to complete Sections A, B and F. However, if you can make this finding for some outfalls and pollutants, but not for others, you cannot select this reason; you will instead be able to identify which outfalls and which pollutants you can make this finding for in Section E.

Section A. Permit Tracking Number

Enter the National Pollutant Discharge Elimination System (NPDES) tracking number assigned by EPA's Stormwater Notice Processing Center to the facility. If you do not know the tracking number, you can find the tracking number assigned to your facility on EPA's Notice of Intent (NOI) Search website (www.epa.gov/npdes/noisearch).

Section B. Facility Information

- Enter the facility's official or legal name. Unless the name of your facility has changed, please use the same name provided on your NOI. You can use EPA's NOI Search website (www.epa.gov/npdes/noisearch) to view your NOI.
- 2.a-d. Enter the street address, including city, state, and zip code of the actual physical location of the facility. Do not use a P.O. Box.
- 3. (Optional) Identify the name, telephone number, and email address of the person who will serve as a contact for EPA on issues related to monitoring at your facility. This person should be able to answer questions related to stormwater discharges and monitoring or have immediate access to individuals with that knowledge. This person does not have to be the facility operator, but should have intimate knowledge of monitoring activities at the facility.
- 4. If the form was prepared by someone other than the person who is signing the certification statement in Section F (for example, if the MDMR was prepared by a member of the facility's stormwater pollution prevention team or a consultant for the certifier's signature), include the name, organization, phone number and email address of the MDMR preparer.

Section C. Discharge Information

- 1. Indicate the appropriate monitoring period (Quarter 1, 2, 3, or 4) covered by the MDMR. "Atternative" monitoring periods can apply to facilities located in arid and semi-arid climates, or in areas subject to snow or prolonged freezing. To use alternative monitoring periods, you must provide a revised monitoring schedule here in the first monitoring report submitted and indicate for which alternative monitoring period you are reporting monitoring data. If using alternative monitoring periods, identify the first day of the monitoring period through the last day of the monitoring period for each of the four periods. The dates should be displayed as month (Mo) / day (Day). See Parts 6.1.6 and 6.1.7 of the permit for more information.
- If you are submitting benchmark monitoring data, identify if your facility is required to collect benchmark samples for one or more hardness-dependent metals (i.e., cadmium, copper, lead, nickel, silver, and zinc). If you select "yes" to this question you must also complete Question 2.a. and if you select "no" to this question you may skip to Section D.
- 2.a. If you selected "yes" for Question 2 under Section C, then you are required to submit to EPA with your first benchmark report a hardness level, established consistent with the procedures in Appendix J of the permit, which is representative of your receiving water. If your outfalls discharge to more than one receiving water, as reported in your NOI form, you should report hardness for the receiving water with the lowest hardness values. Hardness values must be reported in milligrams per liter (mg/L).

Section D. Outfall Information

- Enter the total number of outfalls identified in your stormwater pollution prevention plan (SWPPP). Outfalls are locations where stormwater exits the facility, including pipes, ditches, swales, and other structures used to remove stormwater from the facility.
- Indicate if your facility has two or more outfalls that you believe discharge substantially identical effluents (i.e., stormwater), based on the similarities of the general industrial activities and control measures, exposed materials that may significantly contribute pollutants to stormwater, and runoff coefficients of their drainage areas. See Parts 5.1.5.2 and 6.1.1 of the permit for more information on substantially identical outfalts.
- 2.a. If you selected 'yes' for Question 2 under Section D, then you must list the outfall name(s) in Column 3.B. that you expect to be substantially identical to the corresponding outfall in Column 3.A.
- Monitored Outfall Name: List name(s) of outfall(s) you are required to monitor in Column 3.A.
- 3.B. Substantially Identical Outfalls: List name(s) of outfall(s) substantially identical to "Monitored Outfall" in Column 3.A. (if applicable)).
- 3.C No Discharge: Check box if you are reporting "No Discharge" for the monitored outfall for the reporting period identified in Section C.1.

Example:

3.A Monitored Outfall Name	3.B. Substantially Identical Outfall	3.C. No Discharge
Outfall A	Outfall B; Outfall C	
Outfall D		X

Reference attachment if additional space is needed to complete the Table Section D.

Section E. Monitoring Information

- Enter the NPDES tracking number assigned by EPA's Stormwater Notice Processing Center to the facility reported in Section A.
- 2. For the reported monitoring event indicate whether the discharge was from a rainfall or snowmelt event. If you select "rainfall" then indicate the duration (in hours) of the rainfall event, rainfall total (in inches) for that rainfall event, and time (in days) since the previous measurable storm event in line items 2.a-c. For both rainfall and snowmelt monitoring, you must identify the date of collection for the monitoring event in column 3.g. of the table. If the discharge occurs during a period of both rainfall and snowmelt, check both the rainfall and snowmelt boxes and report the appropriate rainfall information in item 2.a-c. To report multiple monitoring events in the same reporting period, copy Page 2 of this Form and enter each monitoring event separately with data for all outfalls sampled.

For each pollutant monitored at an outfall, you must complete one row in the Table as follows:

- Outfall Name: Provide the outfall name for which you monitored (e.g., Outfall 1, Outfall 2, Outfall 3).
- 3.b. Monitoring Type: Provide the type of monitoring using the specified codes, in parentheses, below:
 - · (QBM) Quarterly benchmark monitoring
 - . (ELG) Annual effluent limitations guidelines monitoring:
 - . (S/T) State- or Tribal-specific monitoring;
 - . (I) Impaired waters monitoring; or
 - (O) Other monitoring as required by EPA.
- 3.c. Parameter(s): Enter each "Parameter" (or "pollutant") monitored. For QBM and ELG monitoring, use the same parameter name as in Part 8 of the permit.
- 3.d. Quality or Concentration: Enter sample measurement value for each parameter analyzed and required to be reported. Enter "ND" (i.e., not detected) for any sample results below the method detection limit or "BQL" (i.e., below quantitation limit) for sample results above the detection limit but below the quantitation limit.
- 3.e. Units: Enter the units for sample measurement values (i.e., "mg/L" for milligrams per liter) for each parameter analyzed and required to be reported. For monitoring results reported as ND or BQL this space will be left blank and the units will be reported in Column 3.f.
- 3.f. Results Description: This section must be completed for any monitoring results reported as ND or BQL in the "Quality or Concentration" column. For ND, report the laboratory detection level and units in this column. For BQL, report the laboratory quantitation limit and units in this column.
- Collection Date: Identify the sampling date for each parameter monitoring result reported on this form.
- 3.h. Exceedance due to natural background pollutant levels: Check box if following the first 4 quarters of benchmark monitoring (or sooner if the exceedance is triggered by less than 4 quarters of data) you have determined that the exceedance of the benchmark is attributable solely to the presence of that pollutant in the natural background for that outfall and any substantially identical outfalls. See Part 6.2.4.2 of the permit for more information. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.
- 3.i. No further pollutant reductions achievable: Check box if after collection of 4 quarterly samples (or sooner if the exceedance is triggered by less than 4 quarters of data), the average of the 4 monitoring values for any parameter exceeds the benchmark and you have made the determination that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice to meet the technology-based

- effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1. of the permit for more information) for that outfall and any substantially identical outfalls. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.
- 4. Where violations of the permit requirements are reported, include a brief explanation to describe the cause and corrective actions taken, and reference each violation by date. Also, this section should include any additional comments such as are required when changing site status from inactive and unstaffed to active or vice versa. Attach additional pages if you need more space.

Attach additional copies of Section E as necessary to address all outfalls and parameters.

Section F. Certification

Enter "Name/Title of Principal Executive Officer or Authorized Agent" with
"Signature of Principal Executive Officer or Authorized Agent," "Date" form was signed
and email of the "Principal Executive Officer or Authorized Agent." If you submit
multiple pages of Section E monitoring data, each page must be appropriately signed
and certified as described below.

Certification statement and signature (see Section B.11 in Appendix B of the permit for more information). Federal statutes provide for severe penalties for submitting false information on this reporting form. Federal regulations require this form to be signed by one of the following individuals, or a duly authorized representative of that person, as follows:

For a corporation: by a responsible corporate officer, which means:

- (i) president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation, or
- (ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

For a partnership or sole proprietorship: by a general partner or the proprietor; or For a municipal, State, Federal, or other public facility: by either a principal executive or ranking elected official.

Paperwork Reduction Act Notice

Public reporting burden for this certification is estimated to average 7.25 hours per response plus an additional 2 hours for respondents required to gather hardness data, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments regarding the burden estimate, any other aspect of the collection of information, or suggestions for improving this form, including any suggestions which may increase or reduce this burden to: Director, Office of Environmental Information Services, Collection Services Division (2823), USEPA, 1200 Pennsylvania Avenue, NW, Washington, DC 20460. Include the OMB control number of this form on any correspondence. Do not send the completed MDMR form to this address.





ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: January 20, 2015

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1405720

SAMPLE COLLECTED BY: Client (H Ávila)
DATE RECEIVED: 12/18/14

SAMPLE DATE: 12/16/14

DESCRIPTION: Stormwater 003

TIME: 13:30

LAB. FILE ID: 1405720

MATRIY- Water

				M	ATRIX: Water		
PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1405720 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
TSS Aluminum Iron Lead Zinc	SM 2540 D* 200.7(ICAP) 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab Grab	mg/L mg/L mg/L mg/L	20.0 0.124 0.055 0.006 0.011	4.00 0.005 0.010 0.001 0.001	NL HS HS HS	12/18/14 01/14/15 01/12/16 01/12/15 01/12/15

^{*}Standard Methods for the Examination of Water and Waste Water 19th Edition, 1995

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. iris M. Chévere Al Laboratory Director Chemist License 2370

Attachment: Chain of Custody Records (1)



PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS.

REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES.

CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING

• CERTIFICATION NUMBER E87556 •

192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

192 Villa Street • Ponce, P.R. 00730-4875

Tel. 787-841-7373 • Fax 787-841-7313 CHAIN OF CUSTODY RECORD

PROYECT NO.			COMPAN	Y/ 1	<u> </u>			SAMPLER	7
			4	<u> </u>	2000	~~	_	H. Avila	/ client
SAMPLE LOCA	ATION/	CLIEN	TID	Store	n W.	五	-	DO3 TIME	13.20 AM CONTROL NO.
SAMPLE DATE	:			/	2-	16-	14	The same of the sa	180215
1. General Enviro	onment	ni:	PC	V'SS				SamplingWitness;	7.0.7.20
Acidity	(٠,	rc	Alkalinity			PC	Damping withess, .	
Ammonia as N	í	ń	***************************************	Bicarbonate		()	-	Date/Time:	
BOD-5	()		Bromide		()	-	Relinguished by:	* .
Chloride	()		Chlorine, R	a	<i>``</i> i	***	Y Mason	
COD	()		Color (ADA		Ċ		A TOTAL STATE OF THE STATE OF T	1 11.60
Conductivity jund	hos/em		-	Color (Pt-C	0)	()		Date/Timg: 12/18/19	4 11:00
Dissolved Oxygen Hardness	n ()	-	Cyanide		()		Received by:	1
Moisture %	- })	_	Fluoride		()		/ Vest Your /h	uun/l
Nitrite	- 7	,		lodide Nitrate		()	-	Date/Time! 12-18-1	1 1643
Oil+Grease	i	í		Nitrate + Ni	trice	. }.	-		11:00
Phenol	()		pH, S.U.	10 616	1 1		Relinguished by	
Phosphorus, Total	()	-	Phosphare, (Onho	()	_	/ Veter /- //	frame!
Sen Solids mg/L	()	-	Sett Solids	mL/L	()	-	Date/Time: 12 18-1	W 2
Sulfate Sulfite	(?		Solids. Total	J	()			Y 3:00/h
TDS	(,		Sulfide		()		Received by:	
Temperature, "C		ζ.	-	Surfactant		()			
TOC	ì	'	-	TSS		(4)	二	Date/Time: (2/1	2/14 250000
Asbestos	,	í	*****	Turbidity		()			3/14 3:00pm
TVS	()		Carbonate		()	-	Relinquished by:	
Total Nitrogen	(}	-			` '			
2. Metals: Aluminum (Al								Date/Time:	
Aluminum (Al Chromium (Cr			13	Cadmium	(Cd)	()		Received by:	
fron (Fe			A	Copper	(Cu)	()		Received by.	
Manganese (Mi		3	14.2	Lead	(Pb)	(3)	41		
Nickel (Ni		í	-	Mercury, 2/ Selenium	(Se)	the	- 12	Date/Time:	
Silver (Ag) ()		Tin	(Se)			Madul	and the second s
Zine (Zn		()	建	Arsenic	(As)	25	-	Matrix	
Banum (Ba)		Boron	(B)	()	-	air () water	r (Y) sludge ()
Antimony (Sb) Bismuth (Bi)		,		Beryllium	(Be)	()		liquid () soil	(1) solid (1)
Chromium, VI (Cr)	VIV. (,	-	Calcium	(Ca)	()	_	. , ,	
Magnesium (Mg		΄.		Cobalt	(Co)	()	-	oil () mixe	d () other ()
Potessium (K)	· `	í	-	Molyhdenum Silicon		()	- Printered	Specify:	
Sodium (Na)) ()	-	Strontium	(Si) (Sr)	()		specify.	
Thellium (TI)	()		Titanium	(Ti)			Preservative Codes = PC	
Vanadium (V)	()	-	Lithum	(Li)	` ` `	-	react with Codes - IC	
3. RCRA/Hazardou								Cool.<6°C	
Ignitability (Flash I	r Wasi	,						4.7	Sodium Hydroxide(NaOH)
Reactivity (CN & S) (,	-	Corresivity TCLP	1	()	-	. Sulfuric Acid (H,SO,) pH<2	7. Zinc Acetate
RCRA Metals	(,		Organics-Pest	Hart	()		. Nitric Acid (HNO ₃), pH<2	8. Ascorbic Acid
Organics-BNA	()		Organics-VO		()	*Statement	. Hydrochloric acid (HCl)	9. FAS
rox	().	-		• ,	,		Sodium Thiosulfate	
. Specific Organics								. Sociatis i mosuriate	10.Other
olatiles				Phenols GC	(-	ample type legend:	
esticides/PCB's) }		Semi-Volitiles		•	display-raps		•
lerbicides		, ·	-	PCB's Only TPH 418 1	. (grab samples	`x
TEX		í		TTO	- {	-	-	composite sar	nples xx
TO & Diexin	()		TPH 8015	(W000-1-1-		
Minnel				Lindane	(Principles:	28mb	ling Equipment:
. Microbiology						,	decomple	l day () Auton	
ecal Coliform	()	,	-	Total Coliform	(3		, , ,	natic Sampler ()
							-	2 days () Sampl	e Pick Up ()
omments:				*				3 days ()	- • •
								5 days ()	
							note the state of		ne is ten (10) working days;
						C)rigin:	additional charges app	ly for rush orders.





ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: December 19, 2014

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1405521

SAMPLE COLLECTED BY: Client (Avila)

DATE RECEIVED: 12/08/14

SAMPLE DATE: 12/05/14

TIME: 15:40

DESCRIPTION: Stormwater 002

LAB. FILE ID: 1405521

				an.	AIRIX; Water		
PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1405521 RESULT	METHOD DETECTION LIMIT	ANALYŞT	DATE ANALYZED
Aluminum Iron Lead Zinc	200.7(ICAP) 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab	mg/L mg/L mg/L mg/L	0.364 0.063 <0 001 0.026	0.005 0.010 0.001 0.001	BTR BTR BTR BTR	12/15/14 12/15/14 12/15/14 12/15/14

Mathod Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence

Certification and release of the data contains of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related e submitted.

Loda, Iris M. Chèvere Alfo Laboratory Director Chemist License 2370

Attachment: Chain of Custody Records (1)

PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING • CERTIFICATION NUMBER E87556 • 192 VILLA STREET • PONCE, PR 00730-4875 • TEL (787) 841-7373 • FAX (787) 841-7313

192 Villa Street • Ponce, P.R 00730-4875

CHAIN OF CUSTODY RECORD Tel. 787-841-7373 • Fax 787-841-7313

PROYECT NO.	COMPAN	* AES GMA	SAMPLER Avila
SAMPLE LOCATION/CLIE	VT ID	Stormwater o	TIME 15.40AN CONTROL NO.
SAMPLE DATE		12-5-14	BEL NO 14055 21 179975
I. General Environmental	PC	VSS PO	SamplingWitness;
Acidity ()		Alkalinity ()	Date/Time:
Ammonia as N ()		Bicarbonate ()	
BOD-5 ()		Bromide (')	Relinquished by:
Chloride ()	-	Chlorine, Res. ()	12/8/14 1700
COD ()	-	Color (ADMI) (')	- Date/Time:
Conductivity µmhos/cm () Dissolved Oxygen ()	-	Color (Pt-Co) (')	Received by:
Hardness ()		Cyanide ()	Received by.
Moisture % ()		lodide (;)	
Vitrite ()		Nitrate (')	Date/Time: 12-8-14 1:15/9
DiHGrease ()		Nitrate + Nitrite ()	Relinquished by:
thenol ()	-	pH, S.U. (,)	4061
Phosphorus, Total () Sett Solids rag/L ()		Phosphate, Ortho ())	
iulfate ()		Sen. Solids mL/L ()	Date/Time: 12-8-14 2130P1
ulfite ()	-	Solids, Total (i)	Received by:
ros ()		Surfactant ()	Olvas & Olyan
emperature. *C ()	-	TSS ACEAL	
000 ()	-	· TKN ()	Date Time. (2)
sbestos ()	***********	Turbidity ()	Relinquished by:
otal Nitrogen ()	-	Carbonate , ()	•
Metals:	-		Date/Time:
luminum (Al) (X)	1.3	Cadmium (Cd) ()	Control of the Contro
hromium (Cr) ()		Capper (Cu) ()	Received by:
on (Fc) (X)	<u></u>	Lead (Pb) (X)	
langanese (Mn) ()	-	Mercury (Hg) ()	Date/Time:
lickel (Ni) ()	-	Selenium (Se) ()	
inc (Ag) ()	113	Tin (Sn) ()	. Matrix
arium (Ba) ()	.T.	Arsenic (As) () Boron (B) ()	air () water (2) sludge ()
mimony (Sb) ()		Beryllium (Be) ()	(50) 512280 (
ismuth (Bi) ()		Calcium (Ca) ()	
hromium, VI (CrVI) ()	_	Cobalt (Co) (')	oil () mixed () other ()
lagnesium (Mg) () otassium (K) ()		Molybdenum (Mo) ()	Smarifice
otassium (K) () odium (Na) ()		Silicon (Si) ()	Specify:
hallium (TI) ()	-	Strontium (Sr) ()	Preservative Codes = PC
anadium (V) ()	dellacases	Titanium (Ti) () Lithium (Li) ()	rieservative Codes = PC
RCRA/Hazardous wastes			1. Cool, <6°C 6. Sodium Hydroxide(NaOH)
mitability (Flash Pt.)()		Corrosivity (;)	2. Sulfuric Acid (H,SO ₂) pH<2 7. Zinc Acetate
cactivity (CN & S) ()	-	TCLP ()	3. Nitric Acid (HNO ₃), pH<2 8. Ascorbic Acid
reanics-BNA ()		Organics-Pest/Herb ()	4. Hydrochloric acid (HCl) 9. FAS
)x ()	*****	Organics-VOA (,)	
			5. Sodium Thiosulfate 10.Other
Specific Organies		Phenois GC ()	Sample type legend:
sticides/PCB's ()		Semi-Volitiles (BNA) ()	
sticides/PCB's ()		PCB's Only	grab samples x
EX ()		TPH 418.1	composite samples xx
O& Dioxin ()	-	T011 0015	•
, ,	*****	Lindane ()	Turnaround time: Sampling Equipment:
Microbiology		1 /	I day / \ Automatic Complex /
cal Coliform ()	-	Total Coliform ()	day () Automatic Sampler ()
			2 days () Sample Pick Up ()
mments:			3 days ()
			5 days ()
			(, , , , , , , , , , , , , , , , , , ,
		Oria	additional charges apply for rush orders.
		Orig	liidi





ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: December 19, 2014

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1405522

SAMPLE COLLECTED BY: Client (Ávila) DATE RECEIVED: 12/08/14

SAMPLE DATE: 12/05/14

TIME: 15:50

DESCRIPTION: Stormwater 004

LAB. FILE ID: 1405522

				121	ATRIA: Water		
PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1405522 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Aluminum Iron Lead Zinc	200.7(ICAP) 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab	mg/L mg/L mg/L mg/L	0.240 0.244 <0.001 0.016	0.005 0.010 0.001 0.001	BTR BTR BTR BTR	12/15/14 12/15/14 12/15/14 12/15/14

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence

Certification and release of the data contained in the agt of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results relate e submitted

Loda, Ins M. Chévere **Laboratory Director** Chemist License 2370

Attachment: Chain of Custody Records (1)

PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING • CERTIFICATION NUMBER E87556 • 192 VILLA STREET • PONCE, PR 00730-4875 • TEL (787) 841-7373 • FAX (787) 841-7313

192 Villa Street • Ponce, P.R. 00730-4875 Tel. 787-841-7373 • Fax 787-841-7313

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY	AES GMA.		.,	SAMPLER	A	rila		
SAMPLE LOCATION/CLIE	OI TV	StormWater	00	4		TIME	15:50%		TROL NO.
SAMPLE DATE		12-5-1	4			BEI. NO.	14.5522	117	9976
1. General Environmental:	PC	VSS	PC	Sampling		;			
Acidity ()		Alkalinity ()		Date/Tim	e:				
Ammonia as N ()	-	Bicarbonate ()		Relinquis	PROPERTY OF TAXABLE PARTY.	***************************************		•	
BOD-5 () Chloride ()		Bromide ()		avquis				1	
COD ()	-	Chlorine, Res. ()	-						
Conductivity jumbes/cm ()	-	Color (ADMI) ()		Date/Tim	e: /2	18/1	9 1:	19/2	
Dissolved Oxygen ()		Color (Pt-Co) () Cvanide ()	-	Received	by:		0	/	
Hardness ()	_	Fluoride ()	. —	J	٠,٠		4001		
Moisture % ()		lodide ()		Th. 600		13	8	2/_	
Nitrite ()		Nitrate ()		Date/Tim		12-	8-14		15PM
Oil+Grease ()	-	Nitrate + Nitrite ()		Relinquis	hed by:		0.1)	
Phonoi ()	-	pH, S.U. ()				2	ales		•
Phosphorus, Total () Sett Solids mg/L ()		Phosphate, Ortho () - Sett. Solids mL/L ()		Date (T:				,	.2 000
Sulfate ()		Sett. Solids mL/L () Solids, Total ()	-	Date/Tim	-	12-8	2-14	- 2	.30PM
Sulfite ()	-	Sulfide ()	-	Received	by:		٠. ۵		
TDS ()	****	Surfactant ()			Alude	10	Uama &	le.	
Temperature, "C ()	_	TSS ()	-	Date/Ti-	7		1011	0.	Qrn.
TOC ()	-	TKN ()		Date/Tim	-			y 2:	SEPA
Asbestos ()	_	Turbidity ()		Relinquis	hed by:				
Total Nitrogen ()		Carbonate ()							
2. Metals:				Date/Tim	۵٠	***************************************			
Aluminum (Al)	1.3	Cadmium (Cd) ()			STATE OF THE PERSON NAMED IN				
Chromium (Cr) ()		Copper (Cu) ()		Received	by:				
Iron (Fe)	1.3		13			•			
Manganese (Mn) ()		Mercury (Hg) ()	~	Date/Time	e:				
Nickel (Ni) ()	*****	Selenium (Sc) ()	****		-			****	·
Silver (Ag) () Zinc (Zn) (X)	3	Tin (Sn) ()		Matrix					
Zinc (Zn) (X) Barium (Ba) ()	1.2	Arsenic (As) ()	-	ai	r () wat	ter (X)	sludge	()
Antimony (Sb) ()		Boron (B) () Beryllium (Be) ()					201	solid	`
Bismuth (Bi) ()		Calcium (Ca) ()				•	• •		
Chromium, VI (CrVI) ()	_	Cobalt (Co) ()		oi	ı () mix	kea ()	other	()
Magnesium (Mg) ()	-	Molybdenum (Mo) ()		S					
Potassium (K) ()	-	Silicon (Si) ()	-	Specify:_					
Sodium (Na) ()		Strontium (Sr) ()	-	D	d 0 - 1		•		
Thallium (TI) () Vanadium (V) ()	-	Titanium (Ti) ()	-	Preservat	uve Cod	es = P(-		
Vanadium (V) ()	*******	Lithium (Li) ()	-						
3. RCRA/Hazardous wastes				1. Cool,<6°	С		6. Sodius	n Hydroxi	ide(NaOH)
Ignitability (Flash Pt.)()		Corresivity ()		2. Sulfuric A	Acid (H.SC)_) pH<2	7. Zinc A	cetate	
Reactivity (CN & S) ()		TCLP ()		3. Nitric Ac			8. Ascord		
RCRA Metals ()	****	Organics Pest/Herb ()	- market market					ne Acia	
Organics-BNA ()		Organics-VOA ()		4. Hydrochi			9. FAS		
()	-			5. Sodium T	hiosulfate		10.Other		
Specific Organics		Phenois GC ()				_			
Volatiles ()		Semi-Volitiles (BNA) ()		Sample ty	pe legen	ıd:			
Pesticides/PCB's ()		PCB's Only ()	**Bases		grah	sample	es	x	
derbicides ()		TPH 418.1			_				
STEX ()	albudge	TIO ()				_	•	XX	
TO & Dioxin ()	Million,	TPH 8015 ()	*******	Turnarou	nd time:	San	npling Equ	ipment:	:
Minmhiolom		Lindanc ()	-						
. Microbiology ecal Coliform ()		Total	100 mm	1 d	lay ()	Aut	omatic San	pler ()
ecal Coliform ()		Total Coli form ()			lays ()		ple Pick U		í
						, comit	.pic i ick U	,)
comments:					lays ()	,			
The state of the s				5 d	lays ()	l .			
				No	te: norma	turnaround	time is ten (10)	working days	E
							apply for rush or		•
		Δ.	rinin	al	availa	own comited	which in that of	UEIS.	

Original

Administrative Order on Consent
AES Puerto Rico Coal Fired Power Plant
Docket Number CWA-02-2015-3102
NPDES Tracking Number PRU020663

Attachment 6

Administrative Order on Consent Docket Number CWA-02-2015-3102

Compliance with AOC Section VII, ¶66

Required Reporting for Q1 2015 under Section B-12 of our MSGP

Industrial Discharge Monitoring Report (MDMR)

-	LDA
100	

United States Environmental Protection Agency Washington, DC 20460 CREADUSTRIAL DISCHARGE MONITORING REPORT (MATERIAL DISCHARGE MONITORING REPORT)

Form Approved. OMB No. 2040-000

ACL	A	WASHINGTON, DC 20460 MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)	OMB No. 2040-0004					
Reason(s) for Su	bmission (Che	ck all that apply):	O etilis (Etaljis ergotu geograpia) ir ir e aanali taribus taling etaljis is					
Reporting no Reporting tha Reporting tha	☑ Submitting monitoring data (Fill in all Sections). ☐ Reporting no discharge for all outfalls for this monitoring period (Fill in Sections A, B, C.1, D, and F). ☐ Reporting that your site status has changed to inactive and unstaffed (Fill in Sections A, B, F and include date of status change in comment field in Section E.4). ☐ Reporting that your site status has changed to active (Fill in all Sections and include date of status change in comment field in Section E.4). ☐ Reporting that no further pollutant reductions are achievable for all outffalls and for all pollutants via Part 6.2.1.2 of the MSGP (Fill in Sections A, B and F).							
A. Permit Tracki	ing Number:	PRR05BL65	completing this Form.					
B. Facility Inform	nation							
1. Facility Name:	AES							
2. Facility Location								
a. Street:	PR - 0	3 KM 142.0 BO.JOBOS						
b. City:	GUAY	AMA	7 8 5 -					
3. Additional Faci	1111							
Contact Name:	MANUE	EL MATA Email: manuell.mata@alesc	om					
Phone: 787 - 866 - 81117 Ext. 2233								
4. MDMR Preparer (Complete if MDMR was prepared by someone other than the person signing the certification in Section F)								
Prepared by: HECTOR M AVILA								
Organization:	AES	PUERTO RICO						
Email:	hect	oraviIIa@alescom						
Phone: 787-866-8117 Ext. 2266								
C. Discharge Info	C. Discharge Information							
1. Identify monitor	ring period:	Check here if proposing alternative monitoring periods due to irregular stormwater runoff, Identify alternative monitoring period you are reporting monitoring data:	native monitoring					
Quarter 1 (A)	pril 1 – June 3							
Quarter 2 (Ju	uly 1 – Septem	ber 30)						
Quarter 3 (O	ctober 1 – Dec	pember 31)						
Quarter 4 (Ja	anuary 1 Ma	ch 31)						
2. Are you require	d to monitor fo	r cadmium, copper, chromium, lead, nickel, silver, or zinc? Yes (Complete line item 2.a.)						
2a. What is the ha	ardness level o	f the receiving water? 6800 mg/L						
D. Outfall Informa	ation							
1. How many outfa	all(s) are ident	fied in your SWPPP? 03 List name of outfall(s) required to be monitored in table below.						
2. Do any of your	2. Do any of your outfalls discharge substantially identical effluents?							
2.a. If yes, for each	h monitored or	utfall, indicate outfall names that are substantially identical in table below.						
3.A. Monitored Ou	rtfall Name*	3.B. Substantially Identical Outfalls [List name(s) of outfall(s) substantially identical to outfall in 3.A. (if applicable)]	3.C. No Discharge?					
-								
*Reference attach	ment if additio	nal space needed to complete the table.						



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460
MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)

Form Approved. OMB No. 2040-0004

			Marrie de la constante de la c	Action and annual state of the second	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
E. Monitoring Information	tion					Note: Mak	Note: Make additional copies of this form as necessary.	form as necessary.
1. Permit Tracking Number:	The PRROSBL65	6 5						
2. Nature of Discharge:	2. Nature of Discharge: 🌠 Rainfall (Complete line items 2.a., 2.b., & 2.c.)	items 2.a., 2.b., & 2.c.) 🔲 Snowmelt						
2.a. Duration of the rainfall event (hours):	ifall event (hours): 0 1	2.b. Rainfall amount (inches).	0 0	2.c. Time s	2.c. Time since previous measurable storm event (days):	storm event (days): 003	8	
3.a. Outfall Name	3.b. Monitoring Type (QBM, ELG, S/T, I, O)*	3.c. Parameter	3.d. Quality or Concentration	3.e. Units	3.f. Results Description	3.g. Collection Date	3.h. Exceedance due to natural background pollutant levels	3.i. No further pollutant reductions achievable?
002	CIMB	Aluminum	0.0.947	mg/L		2/19/15		
200	QMB	fron	0.272	mg/L		2/19/15		
002	CMB	Lead	0.004	mg/L		2/19/15	0	0
005	OMB	Zinc	0.006	mg/L		2/19/15		0
1001	QMB	Aluminum	0.568	mg/L	And the second section of the second second section of the second section of the second section of the second section	2/19/15		
100	CMB	Iron	0.344	1/6w		2/19/15		
100	QMB	Lead	0.002	mg/L		2/19/15	And the state of t	0
100	QMB	Zinc	0.124	mg/L		2/19/15		
003	QMB	Aluminum	0.912	mg/L		2/19/15		
003	QMB	Iron	0.396	mg/L		2/19/15		
003	QMB	Lead	0.007	mg/L		2/19/15		
003	QMB	Zinc	0.009	mg/L		2/19/15		
* (QBM) - Quarterly ben 4. Comment and/or Exp	idnation of Any Violations (R	* (QBM) - Quarterly benchmark monitoring; (ELG) - Annual effluent limitations guidelines monitoring; (S/T) - State- or Tribal-specific monitoring; (I) - Impaired waters monitoring; (O) -Other monitoring as required by EPA 4. Comment and/or Explanation of Any Violations (Reference all attachments here)	onitoring; (S/T) - St.	ate- or Tribal	-specific monitoring. (!) - I	mpaired waters monitoring; (O) -Other monitoring as requ	ired by EPA
F. Certification								
Hector M. Avila		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel property gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware	If law that this document and all attachments were preparaupervision in accordance with a system designed to assure properly gathered and evaluated the information submitted preparation or persons who manage the system, or those the person or persons who manage the system, or those with the preparation of the information submitted by gathering the information, the information submitted with the and belief, true, accurate, and complete. I am as	trachments was the information of the information of the system of the information of the	were prepared to assure ion submitted. In n. or those tibn submitted the submitted te. I am aware			3/9/2
Typed or Printed Name Officer or A	Typed or Printed Name/Title of Principal Executive Officer or Authorized Agent	that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	submitting false inf ห knowing violation	ormation, inc s.		Signature of Principal Executive Officer or Authorized Agent	Officer or Authorized Agent	Date
Email of Principal Execu	Email of Principal Executive Officer or Authorized Agent:	hector	. aviila@aes . com	com.				
		CONTRACTOR CONTRACTOR DESCRIPTION OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PARTY O	**************************************	CHARLES CONTRACTOR CON	Antonio de la company de la co			

Instructions for Completing the MSGP Industrial Discharge Monitoring Report (MDMR)

Who Must Submit A Discharge Monitoring Report to EPA?

Facilities covered under the Multi-Sector General Permit (MSGP or permit) that are required to monitor pursuant to Parts 6.2, 6.3, and 8 of the permit must submit the MSGP Discharge Monitoring Report (MDMR) consistent with the reporting requirements specified in Part 7.1 of the permit.

Where to File the MDMR Form

Monitoring data collected pursuant to Parts 6.2, 6.3, and 8 of the permit must be submitted electronically via EPA's Electronic Notice of Intent System (eNOI), which can be found at www.epa.gov/npdes/enoi. Filing electronically will allow permittees to easily submit the results of monitoring data to EPA. If you cannot access eNOI, monitoring results must be reported on the paper MDMR form and sent to one of the following addresses:

Via U.S. mail:

U.S. Environmental Protection Agency Office of Water, Water Permits Division Mail Code 4203M, ATTN: MSGP Reports 1200 Pennsylvania Avenue, NW Washington, D.C. 20460

Via Overnight/Express Delivery:

U.S. Environmental Protection Agency Office of Water, Water Permits Division Room 7420, ATTN: MSGP Reports 1201 Constitution Avenue, NW Washington, D.C. 20004 Phone number: 202-564-9545

Completing the MDMR Form

To complete this form, type or print in uppercase letters in the appropriate areas only. Be sure that you complete all applicable questions. Photocopy your MDMR form for your records before you send the completed original form to the appropriate address above. Use ink when you sign and mail the original document – EPA will not accept photocopies. You may also use this paper form as a checklist for the information you will need when submitting a MDMR electronically via EPA's eNOI system.

Reasons for Submission

Indicate your reason(s) for submitting this MDMR by checking all boxes that apply. The reasons for submission are defined as follows:

- Submitting monitoring data: For each storm sampled, submit one MDMR form with data for all outfalls sampled. Select this reason even if you only have monitoring data for some of your outfalls (i.e., some outfalls did not discharge). If you select this reason you are required to complete all Sections of the form.
- Reporting no discharge for all outfalls for this monitoring period: Indicates
 that there were no discharges from all outfalls during this monitoring
 period. If you select this reason you are only required to complete
 Sections A, B, C.1, D, and F.
- Reporting that your site status has changed to inactive and unstaffed: Indicates that your facility is currently inactive and unstaffed (See Part 6.2.1.3 of the permit for more information). If you select this reason you are only required to complete Sections A, B, and F and include date of status change in the comment field in Section E.4.
- Reporting that you site status has changed from inactive to active: Indicates that your facility is currently active (See Part 6.2.1.3 of the permit for more information). If you select this reason you are required to complete all Sections of the form and include date of status change in the comment field in Section E.4.
- Reporting that no further reductions are achievable for all outfalls and for all pollutants via Part 6.2.1.2 of the permit: Indicates that your facility has determined that no further pollutant reductions are technologically and economically practicable in light of best industry practice to meet the technology-based effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1.2 of the permit for more information). If you select this reason you are required to complete Sections A, B and F. However, if you can make this finding for some outfalls and pollutants, but not for others, you cannot select this reason; you will instead be able to identify which outfalls and which pollutants you can make this finding for in Section E.

Section A. Permit Tracking Number

Enter the National Pollutant Discharge Elimination System (NPDES) tracking number assigned by EPA's Stormwater Notice Processing Center to the facility. If you do not know the tracking number, you can find the tracking number assigned to your facility on EPA's Notice of Intent (NOI) Search website (www.epa.gov/npdes/noisearch).

Section B. Facility Information

- Enter the facility's official or legal name. Unless the name of your facility has changed, please use the same name provided on your NOI. You can use EPA's NOI Search website (www.epa.gov/npdes/noisearch) to view your NOI.
- 2.a-d. Enter the street address, including city, state, and zip code of the actual physical location of the facility. Do not use a P.O. Box.
- 3. (Optional) Identify the name, telephone number, and email address of the person who will serve as a contact for EPA on issues related to monitoring at your facility. This person should be able to answer questions related to stormwater discharges and monitoring or have immediate access to individuals with that knowledge. This person does not have to be the facility operator, but should have intimate knowledge of monitoring activities at the facility.
- 4. If the form was prepared by someone other than the person who is signing the certification statement in Section F (for example, if the MDMR was prepared by a member of the facility's stormwater pollution prevention team or a consultant for the certifier's signature), include the name, organization, phone number and email address of the MDMR preparer.

Section C. Discharge Information

- 1. Indicate the appropriate monitoring period (Quarter 1, 2, 3, or 4) covered by the MDMR. "Alternative" monitoring periods can apply to facilities located in arid and semi-arid climates, or in areas subject to snow or prolonged freezing. To use alternative monitoring periods, you must provide a revised monitoring schedule here in the first monitoring report submitted and indicate for which alternative monitoring period you are reporting monitoring data. If using alternative monitoring periods, identify the first day of the monitoring period through the last day of the monitoring period for each of the four periods. The dates should be displayed as month (Mo) / day (Day). See Parts 6.1.5 and 6.1.7 of the period for more information.
- If you are submitting benchmark monitoring data, identify if your facility is
 required to collect benchmark samples for one or more hardness-dependent
 metals (i.e., cadmium, copper, lead, nickel, silver, and zinc). If you select "yes"
 to this question you must also complete Question 2.a. and if you select "no" to
 this question you may skip to Section D.
- 2.a. If you selected "yes" for Question 2 under Section C, then you are required to submit to EPA with your first benchmark report a hardness level, established consistent with the procedures in Appendix J of the permit, which is representative of your receiving water. If your outfalls discharge to more than one receiving water, as reported in your NOI form, you should report hardness for the receiving water with the lowest hardness values. Hardness values must be reported in milligrams per liter (mg/L).

Section D. Outfall Information

- Enter the total number of outfalls identified in your stormwater pollution prevention plan (SWPPP). Outfalls are locations where stormwater exits the facility, including pipes, ditches, swales, and other structures used to remove stormwater from the facility.
- Indicate if your facility has two or more outfalls that you believe discharge substantially identical effluents (i.e., stormwater), based on the similarities of the general industrial activities and control measures, exposed materials that may significantly contribute pollutants to stormwater, and runoff coefficients of their drainage areas. See Parts 5.1.5.2 and 6.1.1 of the permit for more information on substantially identical outfalls.
- If you selected "yes" for Question 2 under Section D, then you must list the
 outfall name(s) in Column 3.B. that you expect to be substantially identical to the
 corresponding outfall in Column 3.A.
- Monitored Outfall Name: List name(s) of outfall(s) you are required to monitor in Column 3.A.
- Substantially Identical Outfalls: List name(s) of outfall(s) substantially identical to "Monitored Outfall" in Column 3.A. (if applicable)].
- 3.C No Discharge: Check box if you are reporting "No Discharge" for the monitored outfall for the reporting period identified in Section C.1.

Example:

3.A Monitored Outfall Name	3.B. Substantially Identical Outfall	3.C. No Discharge
Outfall A	Outfall B; Outfall C	ň
Outfall D		X

Reference attachment if additional space is needed to complete the Table Section D.

Section E. Monitoring Information

- Enter the NPDES tracking number assigned by EPA's Stormwater Notice Processing Center to the facility reported in Section A.
- 2. For the reported monitoring event indicate whether the discharge was from a rainfall or snowmelt event. If you select "rainfall" then indicate the duration (in hours) of the rainfall event, rainfall total (in inches) for that rainfall event, and time (in days) since the previous measurable storm event in line items 2.a-c. For both rainfall and snowmelt monitoring, you must identify the date of collection for the monitoring event in column 3.g. of the table. If the discharge occurs during a period of both rainfall and snowmelt, check both the rainfall and snowmelt boxes and report the appropriate rainfall information in item 2.a-c. To report multiple monitoring events in the same reporting period, copy Page 2 of this Form and enter each monitoring event separately with data for all outfalls sampled.

For each pollutant monitored at an outfall, you must complete one row in the Table as follows:

- Outfall Name: Provide the outfall name for which you monitored (e.g., Outfall 1, Outfall 2, Outfall 3).
- 3.b. Monitoring Type: Provide the type of monitoring using the specified codes, in parentheses, below:
 - · (QBM) Quarterly benchmark monitoring
 - . (ELG) Annual effluent limitations guidelines monitoring:
 - . (S/T) State- or Tribal-specific monitoring;
 - . (I) Impaired waters monitoring; or
 - . (O) Other monitoring as required by EPA.
- 3.c. Parameter(s): Enter each "Parameter" (or "pollutant") monitored. For QBM and ELG monitoring, use the same parameter name as in Part 8 of the permit.
- 3.d. Quality or Concentration: Enter sample measurement value for each parameter analyzed and required to be reported. Enter "ND" (i.e., not detected) for any sample results below the method detection limit or "BQL" (i.e., below quantitation limit) for sample results above the detection limit but below the quantitation limit.
- 3.e. Units: Enter the units for sample measurement values (i.e., "mg/L" for milligrams per liter) for each parameter analyzed and required to be reported. For monitoring results reported as ND or BQL this space will be left blank and the units will be reported in Column 3.f.
- 3.f. Results Description: This section must be completed for any monitoring results reported as ND or BQL in the "Quality or Concentration" column. For ND, report the laboratory detection level and units in this column. For BQL, report the laboratory quantitation limit and units in this column.
- Collection Date: Identify the sampling date for each parameter monitoring result reported on this form.
- 3.h. Exceedance due to natural background pollutant levels: Check box if following the first 4 quarters of benchmark monitoring (or sooner if the exceedance is triggered by less than 4 quarters of data) you have determined that the exceedance of the benchmark is attributable solely to the presence of that pollutant in the natural background for that outfall and any substantially identical outfalls. See Part 6.2.4.2 of the permit for more information. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.
- 3.i. No further pollutant reductions achievable: Check box if after collection of 4 quarterly samples (or sooner if the exceedance is triggered by less than 4 quarters of data), the average of the 4 monitoring values for any parameter exceeds the benchmark and you have made the determination that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice to meet the technology-based

- effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1. of the permit for more information) for that outfall and any substantially identical outfalls. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.
- 4. Where violations of the permit requirements are reported, include a brief explanation to describe the cause and corrective actions taken, and reference each violation by date. Also, this section should include any additional comments such as are required when changing site status from inactive and unstaffed to active or vice versa. Attach additional pages if you need more space.

Attach additional copies of Section E as necessary to address all outfalls and parameters.

Section F. Certification

Enter "Name/Title of Principal Executive Officer or Authorized Agent" with
"Signature of Principal Executive Officer or Authorized Agent," "Date" form was signed
and email of the "Principal Executive Officer or Authorized Agent." If you submit
multiple pages of Section E monitoring data, each page must be appropriately signed
and certified as described below.

Certification statement and signature (see Section B.11 in Appendix B of the permit for more information). Federal statutes provide for severe penalties for submitting false information on this reporting form. Federal regulations require this form to be signed by one of the following individuals, or a duly authorized representative of that person, as follows:

For a corporation: by a responsible corporate officer, which means:

- (i) president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation, or
- (ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

For a partnership or sole proprietorship: by a general partner or the proprietor; or For a municipal, State, Federal, or other public facility: by either a principal executive or ranking elected official.

Paperwork Reduction Act Notice

Public reporting burden for this certification is estimated to average 7.25 hours per response plus an additional 2 hours for respondents required to gather hardness data, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments regarding the burden estimate, any other aspect of the collection of information, or suggestions for improving this form, including any suggestions which may increase or reduce this burden to: Director, Office of Environmental Information Services, Collection Services Division (2823), USEPA, 1200 Pennsylvania Avenue, NW, Washington, DC 20460. Include the OMB control number of this form on any correspondence. Do not send the completed MDMR form to this address.





ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: February 27, 2015

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1500639

SAMPLE DATE: 02/19/15 DESCRIPTION: SW - 001

SAMPLE COLLECTED BY: Client (H. Ávila)

TIME: 6:30AM

LAB. FILE ID: 1500639

DATE RECEIVED: 02/19/15

MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1500639 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
TSS Aluminum Iron Lead Zinc	SM 2540 D* 200.7(ICAP) 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab	mg/L mg/L mg/L mg/L	<4.00 0.568 0.344 0.002	4.00 0.005 0.010 0.001	WV BTR BTR BTR	02/24/15 02/24/15 02/24/15 02/24/15

TSS-Total Suspended Solids

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related of e submitted.

Loda. Iris M. Chévere Alfonzo **Laboratory Director** Chemist License 2370

Attachment: Chain of Custody Records (1)



PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING • CERTIFICATION NUMBER E87556 •

192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

^{*}Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

192 Villa Street • Ponce, P.R. (00730-4875 CTT A INT OF	CUSTODY RECORD	N 2009
Tel. 787-841-7373 • Fax 787-	G < A	SAMPLES 1 -1	
	C) Gunyan	ma H. Avila	
SAMPLE LOCATION/CLIENT (D	Sw- do	TIME 6:30 AM CONTROL NO	
SAMPLE DATE	2-19	1-15 BEL NO 1500639 18022	21
General Environmental: PC:	VSS	PC SamplingWitness;	
Acidity ()	Alkalinity ()	Date/Time:	
Ammonia as N () BOD-5 ()	Bicarbonate ()	Relinquished by:	
Chloride ()	Bromide () Chlorine, Res. ()	- 5003	
COD ()	0	- Date/Time: 1 19 Fasts 1:10	
Conductivity µmhos/em () Dissolved Oxygen ()	Color (Pt-Co) ()	Received by:	
Hardness ()	Cyanide () Fluoride ()	- Received by	
Moisture % ()	lottide ()	- Date/Tinde: / 7-09-15/1:10/f	
Nitrite ()	Nitrate () Nitrate + Nitrite ()	Date inge.	
Phenoi ()	pH, S.U. ()	Relinguished by:	
Phosphorus, Total ()	Phosphate, Ortho ()		
Sett Solids mg/L () Sulfate ()	Sett. Solids mL/L () Solids, Total ()		
Sulfite ()	Sulfide ()	- Received by:	
TDS ()	Surfactant () TSS ()	- Christian Alexander	
TOC ()	TSS (X)	Date Time.	
Asbestos ()	Turbidity ()	Relinquished by:	
TVS ()	Carbonate ()		
2. Metals:		Date/Time:	
Aluminum (Al) (3) Chromium (Cr) (1)	Cadmium (Cd) () Copper (Cu) ()	— Received by:	
Iron (Fe) (X) 13	Copper (Cu) () Lead (Pb) (1)	43 Date/Time:	
Manganese (Mn) ()	Mercury (rig) ()	Date/Time:	
Nickel (Ni) () Silver (Ag) ()	Selenium (Se) () Tin (Sn) ()	Matrix	
Zinc (Zn) (X) 1.3	Arsenic (As) ()	air () water (X) sludge ()	
Barium (Ba) () Antimony (Sb) ()	Boron (B) () Beryllium (Be) ()	Timid () sail () said ()	
Bismuth (Bi) ()	Calcium (Ca) ()	— oil () mixed () other ()	
Chromium, VI (CrVI) () Megnesium (Mg) ()			
Megnesium (Mg) () Potassium (K) ()	Molybdenum (Mo) () Silicon (Si) ()	Specify:	
Sodium (Na) ()	Strontium (Sr) ()		
Thallium (TI) () Vanadium (V) ()	Titanium (Ti) () Lithium (Li) ()	Preservative Codes = PC	
	Zidindiii (Ci) ()	1. Cool,<6°C 6. Sodium Hydroxide(Nat	OH)
3. RCRA/Hazardous wastes Ignitability (Flash Pt.)()	Corrosivity ()	2. Sulfuric Acid (H,SO ₄) pH<2 7. Zinc Acetate	011)
Reactivity (CN & S) ()	TCLP ()	3. Nitric Acid (HNO ₃), pH<2 8. Ascorbic Acid	
RCRA Metals ()	Organics-Pest/Herb ()	4. Hydrochloric acid (HCl) 9. FAS	
Organics-BNA () TOX ()	Organics-VOA ()	5. Sodium Thiosulfate 10.Other	
4. Specific Organics	Phenois GC ()	— Sample type legend:	
Volatiles () Pesticides/PCB's ()	Semi-Volitiles (BNA) ()	- grah samples v	
Pesticides/PCB's () Herbicides ()	PCB's Only () TPH 418.1 ()	composite samples xx	
BTEX ()	110		
TTO & Dioxin ()	TPH 8015 () Lindanc ()	Turnaround time: Sampling Equipment:	
5. Microbiology	Contract ()	1 day () Automatic Sampler ()	
Fecal Coliform ()	Total Coliform ()	- 2 days () Sample Pick Up ()	
		3 days ()	
Comments:			

Original

5 days ()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.





ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: February 27, 2015

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1500640

SAMPLE COLLECTED BY: Client (H. Ávila)

SAMPLE DATE: 02/19/15

DESCRIPTION: SW - 002

LAB. FILE ID: 1500640

DATE RECEIVED: 02/19/15

TIME: 6:35AM

MATRIX: Water

					ATINIA. VYALEI		
PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1500640 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
TSS Aluminum Iron Lead Zinc	SM 2540 D* 200.7(ICAP) 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab Grab	mg/L mg/L mg/L mg/L mg/L	6.00 0.947 0.272 0.004 0.006	4.00 0.005 0.010 0.001 0.001	WV BTR BTR BTR BTR	02/24/15 02/24/15 02/24/15 02/24/15 02/24/15

TSS-Total Suspended Solids

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfor Laboratory Director Chemist License 2370

Attachment: Chain of Custody Records (1)



PAGE 1 OF 1

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192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

^{*}Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

192 Villa Street • Ponce, P.R. 00730-4875 Tel. 787-841-7373 • Fax 787-841-7313

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPAN	- 1		SAMPZER
	I A	ES Guym	na	H. Avila
SAMPLE LOCATION/CLIES	STID	SW_ 0	02	TIME 6: 35 AM CONTROL NO.
SAMPLE DATE		2- 1	9 -	15 BEL. NO. 1500640 180803
1. General Environmental	PC	VSS	PC	SamplingWitness;
Acidity ()		Alkalinity ()		Date/Time:
Ammonia as N () BOD-5 ()		Bicarbonate ()		Relinquished
Chloride ()		Bromide () Chlorine, Res. ()		- Difference of the second
COD	******	Chlorine, Res. () Color (ADM) ()	-	District A L'CO O
Conductivity µmhos/cm ()		Color (Pt-Co)		Date/Time! 19/25/5/ 1.80 Pan
Dissolved Oxygen ()		Cyanide ()		Received by:
Hardness ()	******	Fluoride ()	-	Will ling / steam
Moisture % ()	-	lodide ()		Date/Time: 2-19-15/ 1:10 pm
Nitrite () Oil-Grease ()	-	Nitrate ()	-	
Phenol ()	-	Nurate + Nutrite () pH. S.U. ()	****	Religioushed by:
Phosphorus, Total ()		Phosphate, Ortho ()	_	1 to Kin / freuent
Sett Solids mg/L ()		Sett. Solids nd./L. ()		Date/Time: 7-19-15 2:15-16
Sulfate ()		Solids, Total ()		Received by: /2 //
Sulfite ()		Sulfide ()		Received by:
TDS () Temperature, °C ()	-	Surfactant ()	-	- Jamace Ginuo
TOC ()		TSS (Y)	1-	Date/Time: 3-14-15 3:05 PM
Asbestos ()	*****	TKN ()	-	Relinquished by:
TVS ()		Carbonate ()	-	Nemigaisited by.
Total Nitrogen ()			******	
2. Mctals:	1,3			Date/Time:
Aluminum (Al) (Cr)	حداا	Cadmium (Cd) ()		Received by:
fron (Fe)	1,3	Copper (Cu) () Lead (Pb) ()	17	
Manganese (Mn) ()	1	Lead (Pb) (X) Mercury (Hg) ()	1,3	Date/Time:
Nickel (Ni) ()	untramateur	Selenium (Se) ()		Ducy Time,
Silver (Ag) ()		Tin (Sn) ()		Matrix
Zinc (Zn) (L)	72	Arsenic (As) ()	~~~	
Barium (Ba) ()	_	Boron (B) ()		air () water (x) sludge ()
Antimony (Sb) () Bismuth (Bi) ()		Berythum (Be) ()	*****	liquid () soil () solid ()
Chromium, VI (Cr\ I) (-	Calcium (Ca) () Cobult (Co) ()		oil () mixed () other ()
Magnesium (Mg) ()		Molybdenum (Mo) (C
Potassium (K) ()		Silicon (Si) ()	antinotesis.	Specify:
Sodium (Na) ()		Strontium (Sr) ()	-	n
Thallium (TI) ()		Titanium (Ti) ()	***********	Preservative Codes = PC
Vanadium (V) ()		Lithium (Li) ()		
3. RCRA/Hazardous wastes				1. Cool, <6°C 6. Sodium Hydroxide(NaOH)
Ignitability (Flash Pt.)()	-	Corrosivity ()		2. Sulfuric Acid (H ₂ SO ₄) pH<2 7. Zinc Acetate
Reactivity (CN & S) ()	-	TCLP ()		3. Nitric Acid (HNO ₃), pH<2 8. Ascorbic Acid
RCRA Metals ()		Organics-Pest/Herb ()		
Organics-BNA () TOX ()		Organics-VOA ()		4. Hydrochloric acid (HCl) 9. FAS
10X ()				5. Sodium Thiosulfate 10.Other
4. Specific Organics		Phenois GC ()		Comple tops leaved
Volatiles ()	****	Semi-Volitiles (BNA) ()		Sample type legend:
Pesticides/PCB's ()		PCB's Only ()		grab samples x
Herbicides ()	-	TPH 418.1 ()	-	composite samples xx
BTEX () TTO & Dioxin ()		TTO ()	-	
TTO & Dioxin ()	-	TPH 8015 ()	-	Turnaround time: Sampling Equipment:
5. Microbiology		Lindane ()	-	I day () Automatia Committee ()
Fecal Coliform ()		Iotal Coliform ()		l day () Automatic Sampler ()
			*****	2 days () Sample Pick Up ()
Comments:				3 days ()
			-	5 days ()
	-			Note: normal turnaround time is ten (10) working days;
The second secon				
				additional charges apply for rush orders.





ATTENTION:

Mr. Hector Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: February 27, 2015

CONTRACT: AES - Guavama

LAB. SAMPLE ID: BEL-1500641

SAMPLE COLLECTED BY: Client (H. Ávila)

SAMPLE DATE: 02/19/15 DESCRIPTION: SW - 003

TIME: 6:50AM

LAB. FILE ID: 1500641

DATE RECEIVED: 02/19/15

MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1500641 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
TSS	SM 2540 D*	Grab	mg/L	10.0	4.00	WV	02/24/15
Aluminum	200.7(ICAP)	Grab	mg/L	0.912	0.005	BTR	02/24/15
Iron	200.7(ICAP)	Grab	mg/L	0.396	0.010	BTR	02/24/15
Lead	200.7(ICAP)	Grab	mg/L	0.007	0.001	BTR	02/24/15
Zinc	200.7(ICAP)	Grab	mg/L	0.009	0.001	BTR	02/24/15

TSS-Total Suspended Solids

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo Laboratory Director Chemist License 2370

Attachment: Chain of Custody Records (1)



PAGE 1 OF 1

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^{*}Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

192 Villa Street • Ponce, P.R. 00730-4875 Tel. 787-841-7373 • Fax 787-841-7313

CHAIN OF CUSTODY RECORD

PROYECT NO. COM	PAYES Guayana	SAMPLEY Avila
SAMPLE LOCATION/CLIENT ID	5 W- 00:	3 TIME 6:50 AM CONTROL NO.
SAMPLE DATE	2-19-1	5 BEL. NO. 1500641 180804
General Environmental: PC	C VSS PC	SamplingWitness;
Acidity ()	_ Alkalinity ()	Date/Time:
Ammonia as N ()	Bicarbonate ()	
BOD-5	Desmide	Relinquished by:
Chloride ()	Chlorine, Res. ()	
COD () _	_ Color (ADMI) ()	- Date/Time 19 /85 /5/
Conductivity µmhosem () Dissolved Oxygen ()	_ Color (Pt-Co) ()	Received by:
Hardness ()	Cyanide () Fluoride ()	Receivedby.
Moisture %	lodide ()	Japa Ilma / oran
Nitrite ()	Nitrate ()	Bate/Tinte: 12-19/-15 /:13/A
Oil+Grease ()	Nitrate + Nitrite ()	Reiniguished by:
Phenol ()	pH, S.U. ()	Remidustred by
Phosphorus, Total ()	Phosphate, Ortho ()	/ yr ru V
Sett Solids mg/L ()	Seit. Solids mL/L ()	Date/Time: 2-17-15 3:05/M
Sulfate ()		Received by:
Suffite ()		
TDS ()	_ Surfactant ()	Jemane Girlia
Temperature. "C ()	- TSS CO L	Date/Time: 2-19-15 3:05 pm
Ashestos ()	TKN ()	Relinquished by:
rvs	Carbonate ()	, Kelinquished by.
Total Nitrogen ()		
2 Metals:		Date/Time:
Aluminum (Al) Un	Cadmium (Cd) ()	Received by:
Chromium (Cr) ()	Copper (Cu) ()	-
fron (Fe) (x)	3 Lead (Pb) (A) 1,3	
Manganese (Mn) ()	Mercury (Hg) (1	Date/Time:
Nickel (Ni) ()		
Silver (Ag) ()	Tin (Sn) ()	Matrix
Zinc (Zn) 🖂 🞵		air () water () sludge ()
Antimony (Sb) ()	Boron (B) () Beryllium (Be) ()	liquid () soil () solid ()
Bismuth (Bi) ()	Calcium (Ca) ()	
Chromium, VI (CrVI) ()	Cobalt (Co) ()	oil () mixed () other ()
Magnesium (Mg) ()	Malubdanium (Ma) ()	
Potassium (K) ()	Silicon (Si) ()	Specify:
Sodium (Na) ()	Strontium (Sr) ()	
Thallium (TI) ()		Preservative Codes = PC
Vanadium (V) ()	Lithium (Li) ()	
PCP A/Hazuedania		1. Coot.<6°C 6. Sodium Hydroxide(NaOH)
3. RCRA/Hazardous wastes Ignitability (Flash Pt.)()	Corresivity	2. Sulfuric Acid (H,SO ₄) pH<2 7. Zinc Acetate
Reactivity (CN & S) ()	TCLP ()	
RCRA Metals ()	Organics-Pest/Herb ()	
Organics-BNA ()	Organics-VOA ()	4. Hydrochloric acid (HCl) 9. FAS
rox ()		5. Sodium Thiosulfate 10.Other
4. Specific Organics	Phenols GC ()	Comple type legends
Volatiles ()	Somi-Visitiles (BNA17)	Sample type legend:
Pesticides/PCB's ()	PCR's Only ()	grab samples x
Herbicides ()	TPH 418.1 ()	composite samples xx
BTEX ()	TIO ()	·
TTO & Dioxin ()	TPH 8015 ()	Turnaround time: Sampling Equipment:
5. Microbiology	Lindane ()	1 day () Assessable Committee ()
Fecal Coliforn ()	Total Coliform ()	I day () Automatic Sampler ()
	lotal Coliforn ()	2 days () Sample Pick Up ()
•		3 days ()
Comments:	THE RESIDENCE OF THE PROPERTY	5 days ()
THE RESERVE AND ADDRESS OF THE PARTY OF THE		
		Note: normal turnaround time is ten (10) working days:
		additional charges apply for rush orders.
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